



CCTV Catalogue 2008/09

DM DEDICATED MICROS



Seeing the world through your eyes.

If you know anything about Dedicated Micros, you probably realise by now that we're not a company that rests on its laurels. From a modest start, we quickly established a reputation for our company by developing and bringing to market the world's first CCTV multiplexer – still acknowledged as an important landmark in the swift expansion of the CCTV security sector into the global industry it is today.

This success acted as a catalyst for achieving a continuous stream of breakthroughs in the range of products we've developed over the past two decades. In effect, redefining the boundaries of CCTV innovation and technology.

But whilst we can't deny the sense of pride we draw from our success, it's by no means our driving force. This is, and always has been, our customers.

After all, innovation and new ideas stand for little unless they have a purpose, application and specific benefit to users.

By listening to our customers and partners, understanding their aspirations and needs, only then can we deliver a range of connected technology-based solutions that will open up an exciting world of possibilities for protecting people, business and assets.

Whichever way you look at the situation, it's the perfect partnership; we see the world through your eyes, you see the world through our technology and products.

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PICK-A-POINT ICON

DIGITAL MATRIX SOLUTION

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

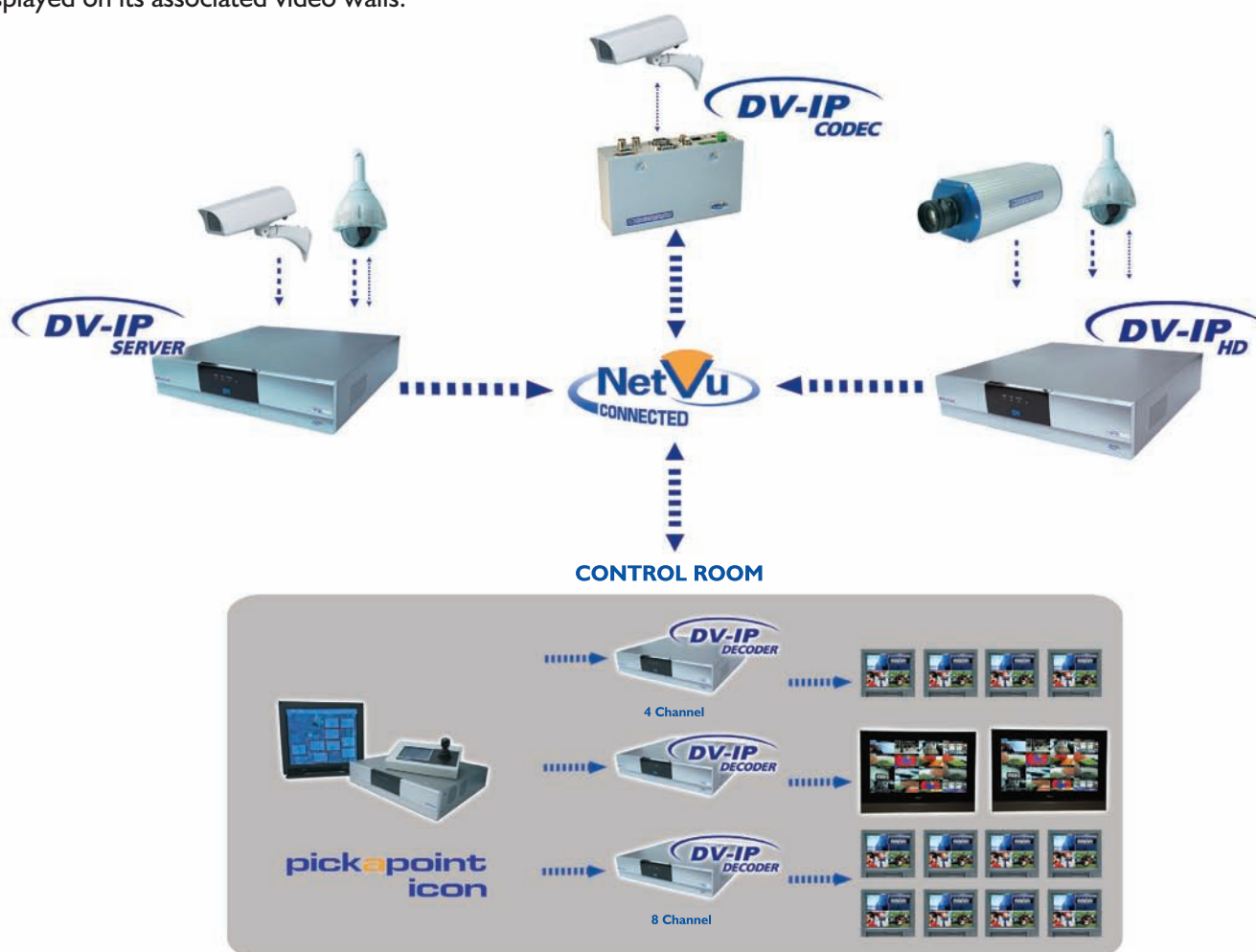
The Pick-a-Point Icon system brings together the CCTV system components into the control room environment, providing you with a dedicated multiple site video management solution for medium and large scale CCTV deployments.

Pick-a-Point Icon is able to replicate the simplicity of operation associated with a traditional analogue matrix by allowing control of multiple video servers without the need for thousands of metres of cabling. It also offers the potential to build scalable video walls - including HD displays – that allow cameras from any number of monitored sites to be viewed simultaneously.

Now fully integrated into the new range of DV-IP products, including the HighVu Excel, DV-IP Server, Decoder, RT and HD, Pick-a-Point Icon has HDMI interfaces as standard allowing high definition video to be displayed on its associated video walls.

From the start Pick-a-Point Icon has been designed to be intuitive for operators, providing an environment they are already familiar with, which greatly simplifies and speeds up image retrieval. Operators can simply select cameras using Pick-a-Point Icon's revised GUI (Graphical User Interface). Multiple map screens and highly detailed map images allow operators to select a camera on-screen without having to know which digital video recorder the camera is linked to.

Unlike many virtual matrix solutions, that are dependent on a PC to record, view or playback video, Pick-a-Point is a standalone hardware based workstation which eliminates reliability and training issues associated with PC based systems.



| Short Order Code | Description |
|---------------------|--|
| PICK-A-POINT | |
| DM/PPW01 | Pick-a-Point virtual matrix Workstation |
| DM/PPW02 | Pick-a-Point Icon virtual matrix Workstation |

NetVu Console

FLEXIBLE REMOTE CCTV VIEWING SOLUTION

The Dedicated Micros NetVu Console is a remote CCTV Console with traditional joystick control that allows users to deploy an additional viewing station with minimal installation requirements. The solution allows a traditional telemetry keyboard and monitor combination to be placed anywhere the customer requires with no need to retrain operators. All that is required is an IP connection and power.

Ideal for installing extra control positions. Duplicating the local control functionality of the DVR, the NetVu Console is connected to the associated unit and Cameras via an IP connection, utilising the IP/Analogue conversion capability of its embedded decoder.

NetVu Console contains Dedicated Micros new User Interface, allowing operators to leverage features such as Colour Coded Menus and on screen maps to enhance their experience.

The flexibility of the unit allows operators to control cameras from a number of NetVu Connected DVRs or Servers, providing greater freedom to users wishing to expand the control of their network without incurring the significant cost.



NetVu CONSOLE

| Short Order Code | Part Code | Description |
|----------------------|-------------|--|
| NETVU CONSOLE | | |
| NetVu Console | DM/DVPB/CON | Remote IP enabled keyboard for use with NetVu Connected DVRs |



NETVU OBSERVER

SEAMLESS VIEWING

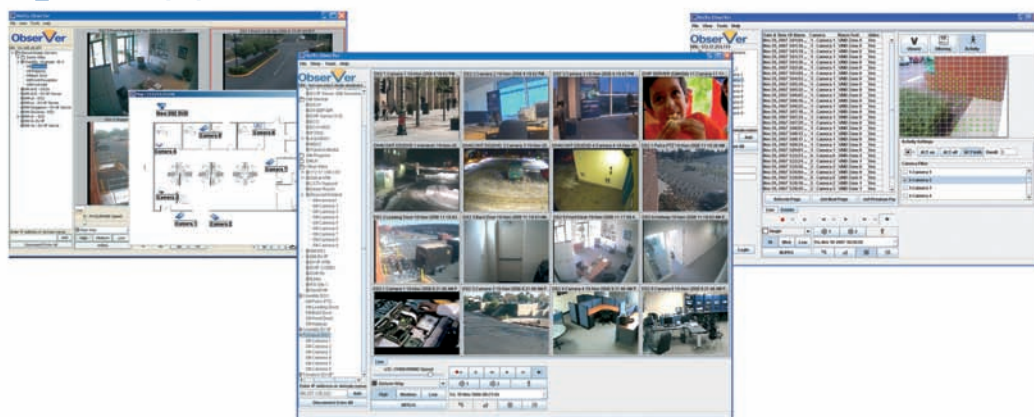
Dedicated Micros free NetVu Observer video management software allows users to seamlessly view distributed images from any "NetVu Connected" product, such as the New DS2 or DV-IP Server, from any moment in time, anywhere in the world.

Developed using DM's innovative SDK (Software Development Kit), NetVu Observer offers flexible site management from a single server to a large multi-site installation such as a town centre, hospital or campus environment. Its site tree facility allows servers and individual cameras to be accessed quickly, and the inclusion of the multi-site viewing facility makes the management of sites more efficient and responses to events even quicker.



NetVu Observer is available as a **FREE** download from the **Dedicated Micros** website and is included as standard with all **NetVu Connected** products.

Visit http://www.dedicatedmicros.com/software_release/index_firmware.php to download



NetVu Observer now includes features that make it capable of supporting RVRC (Remote Video Response Centre) operation in accordance with BS8418. These include auto event distribution to multiple user stations, a full SQL database of received alarms with event closure characterisation, session management to enable multiple events from a single site to be handled as a single alarm session, auto recording of all locally viewed video and report generation capabilities to enable both billing and maintenance management.

Built-in MPEG-4 support provides simultaneous viewing of both JPEG and MPEG-4 video streams, allowing the user to optimise bandwidth usage on constrained networks. A straight forward drag and drop GUI, together with saved screen views provide the user with an easy to use viewing solution, offering a seamless single user interface to all NetVu Connected products. In addition, NetVu Observer's built-in replay server allows the application of features (such as picture in picture, and GOTO event search) to archived data from a hard drive, server or DVD / CD.

- ✓ Viewing of live and recorded images in a wide range of screen configurations
- ✓ Controls all NetVu Connected video servers including the DS2 and DV-IP Server
- ✓ Up to 36 simultaneous connections to 36 different sites
- ✓ Simple drag and drop selection of cameras
- ✓ Automatic detection and switching between **MultiMode** MPEG-4 / JPEG live and playback streams
- ✓ Saveable views made up of multiple sites
- ✓ Control of remote functions including bi-directional audio, and telemetry
- ✓ Reference images assignable to specific cameras
- ✓ Telemetry control, including PTZ and telemetry presets
- ✓ Text and Smart Search Support

- ✓ Save/print image option
- ✓ Event and Search preview window
- ✓ Text display allows information from systems such as POS and ATM machines to be viewed, in association with captured video, via a dedicated window

FREE RVRC FEATURES

- ✓ Multi site alarm control to multiple operators
- ✓ Event characterisation
- ✓ Session management
- ✓ Report generation
- ✓ Multiple user access

SDK AND INTEGRATION SOLUTIONS



The ability to customise solutions is a key element of the NetVu Connected philosophy. Dedicated Micros offers a range of developers tools, including a comprehensive SDK and the **PowerScript** application. Since the technology is based on standard client/server protocols, you are able to call upon a wealth of commercially-available development talent without having to invest in costly training programmes for proprietary packages.

Java & Windows Software Development Kit (SDK)

The NetVu Connected SDK provides integration opportunities by offering DM authorised integrators the necessary tools and flexibility to design custom based applications. Video can for example, be integrated into other building management systems providing the end user with a powerful management interface; or generate video recordings that are linked to events, such as machine failure or process alarms – particularly useful on large and multi-campus manufacturing sites.

PowerScript

Dedicated Micros **PowerScript** application extends the functionality of NetVu Connected DVR's allowing them to integrate into other systems. The **PowerScript** feature uses the C programming language to allow installers and system integrators to implement and develop server side scripts to enable customer specific applications to be created.

Utilising **PowerScript**, a NetVu Connected DVR can integrate into a BMS (Building Management System) or other Security Solution (such as Access Control) to enable central control, monitoring and notification on alarm of a multitude of functions - for example humidity or temperature levels in Server rooms or Storage / Freezer rooms can be monitored via the DVR in conjunction with associated video footage from the location.

To find out more about how bespoke solutions can be built for your CCTV application please contact your local Dedicated Micros Account Manager.



CMT

CONFIGURE MULTIPLE DVRs FROM A SINGLE LOGIN



Dedicated Micros Centralised Management Tool (CMT) brings professional IT-class management tools to the security manager. It eliminates the need to spend hours or days configuring each individual DVR by allowing the manager to change viewing permissions, configuration settings and firmware versions for entire groups of DVRs and users simultaneously, from a single interface.

| Model Code | Description |
|------------|----------------------|
| CMT | |
| DM/CMT/25 | CMT 25 license pack |
| DM/CMT/50 | CMT 50 license pack |
| DM/CMT/100 | CMT 100 license pack |
| DM/CMT/500 | CMT 500 license pack |

- ✓ Allow configuration of multiple DVRs from a single login
- ✓ Compatible with all NetVu Connected DVRs
- ✓ Set user and group viewing permissions
- ✓ Remotely upgrade embedded DVR software
- ✓ Backup, restore and copy DVR configurations
- ✓ Send customized configurations and software updates to hundreds of DVRs in minutes
- ✓ Powerful features implemented with an intuitive user interface
- ✓ All recent DVR configurations are backed up by CMT for easy restoration
- ✓ Audit log of CMT actions allows monitoring and enforcement of security policies
- ✓ Changes made in CMT client are passed to the CMT server to apply in the background freeing administrators for other tasks

ANALYTICS SOLUTIONS

LIVE ANALYSIS & INTELLIGENT VIDEO SOLUTIONS

Dedicated Micros have taken advantage of the advances in analytics capability developed by our parent company, AD Group, to offer a suite of video analytics solutions such as ANPR, Object Left and Removed, Access Control, People Counting and Perimeter Protection. Deployed through our **AnalyticsCapable** portfolio of products, these solutions make monitoring pro-active and improve efficiency by alerting operators to events as they happen rather than relying on post event analysis.



Dedicated Micros has created a range of analytics components and solutions designed to work with **AnalyticsCapable** DVRs in a range of applications including;

- ✓ **INTRUSION DETECTION / PERIMETER PROTECTION** - Real-time identification of an intruder crossing a software-generated perimeter can often mean the difference between pro-active and re-active action being taken.
- ✓ **OBJECT REMOVED** - Monitoring spaces that contain valuable property, object removal can alert operators to the disappearance of static objects.

- ✓ **DOORWAY COUNT** - Used to count people or vehicles entering or leaving an area. Predetermined thresholds can be used to raise alarms should crowd or vehicle densities reach certain levels.

- ✓ **ANPR** - Automatic Number Plate Recognition for identification of vehicles

Our Analytics solutions are available in a basic form (individual packages), or combined into application solutions. Please contact our Customer Services Team for further details.

NETVU CONNECTED TECHNOLOGY

The Dedicated Micros **AnalyticsCapable** solutions provide seamless integration with other NetVu Connected products allowing users to expand installations with AnalyticsCapable technology.

Products can be upgraded with software to enable the analytics capability either during installation or after, allowing the customer to deploy analytics as they require without the need to replace any part of the installation.

Alarms raised by events can be viewed and recorded on the associated DVR, allowing the user to review both live and recorded footage as required. By taking full advantage of this seamless integration, users are able to link their analytics solution into their existing CCTV installation, connecting the alarms raised with alarm settings and relays controlled on the DVR.

AnalyticsCapable

Look for the **AnalyticsCapable** Logo for products compatible with our range of analytics solutions.

*Some variants may also require a hardware upgrade.

^ Next generation DV-IP Server with Enhanced User Interface

Remote viewing SINGLE USER INTERFACE

By integrating the analytics portfolio into NetVu ObserVer, Dedicated Micros provides the user with seamless control and viewing from a single viewing platform, irrespective of the devices location. All products, including those containing **AnalyticsCapable** technology can be managed from this one interface. Users only require one viewing platform, reducing operator training and removing the need for the user to be familiar with more than one system.

COMPATIBLE PRODUCTS

Dedicated Micros analytics solutions are available via a software upgrade on **AnalyticsCapable** Digital Video Recorders and other NetVu Connected devices including:

- ✓ DV-IP RT
- ✓ DV-IP HD
- ✓ DV-IP Server ^
- ✓ SD Range*
- ✓ CamVu2000
- ✓ DV-IP Codec
- ✓ HighVu Excel

ENHANCED USER EXPERIENCE

IMPROVED OPERATOR EXPERIENCE

VIDEO TIMELINE

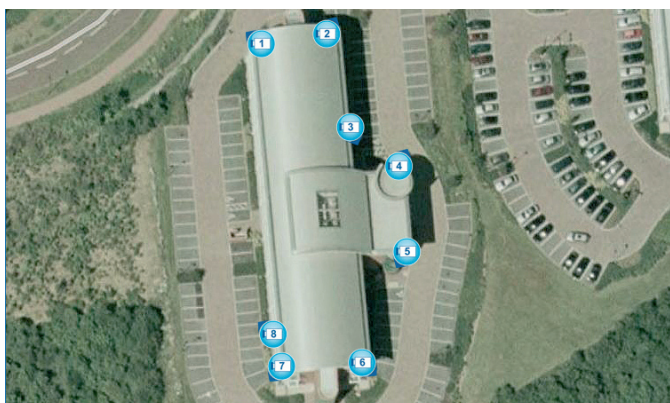
The Timeline feature is a new intuitive interface for the control and navigation of playback video. Users can control the video forward or backwards in incremental steps of seconds, minutes, hours, days and weeks and is ideal for the rapid search of captured video, the Timeline feature is available in the whole range of next generation DV-IP products including DV-IP RT, DV-IP HD, DV-IP Express and the new DV-IP Server.

COLOR CODED SOFT KEY OPERATION

Dedicated Micros next generation of DVRs is operated using our unique and intuitive color coded soft key menus. This means that the user is logically guided through each function or operation simply, step by step. The five color coded keys on the keyboard and remote control correspond with the five color soft keys that appear on screen. So, whichever control device is preferred, operation of the product is consistent, reducing operator training and support.

CAMERA SELECTION MAPS

Users can now navigate around their CCTV installation using graphical maps presented on the local monitor. Ideal for quickly identifying camera locations around a site or CCTV network, users can select the relevant camera and instantly connect to that camera's image stream. Users can load bespoke map images and floor plans on the DVR to reflect their installations.



ABSOLUTE POSITIONING*

Absolute Positioning uses Camera Selection Maps and the unique Absolute Positioning capability of Oracle Domes to allow an operator to, with one mouse click, select a camera and send it to view an area of the site (Pan and tilt)

point&go

Point&Go* provides the user with easy to use, fast, accurate telemetry control via an attached monitor. Users are able to use Pan & Tilt control of a DM Oracle Dome simply by clicking an area of the monitor – the camera will instantly respond, positioning the selected area in the middle of the screen, Ideal for tracking movement through a scene.

COMMON CONFIGURATION INTERFACE

A Common Configuration interface is displayed whether the units' configuration screens are accessed locally at the unit or remotely via a web browser. This unified system ensures that the installer is familiar with the configuration screens irrespective of their location to the unit.

ELECTRONIC PTZ

Offering a capability over and above traditional 'digital zoom' techniques, Dedicated Micros Electronic PTZ uses an advanced image 'interpolation' algorithm that reveals detailed information that simple pixel-stretching digital zoom commands cannot.

Users can operate Electronic Zoom as they would Analogue Zoom – moving around the scene and zooming in / out using the associated keyboard joystick or remote control – even on static analogue cameras.

Combining this feature with Dedicated Micros high-definition CamVu2000 Megapixel camera gives the user access to incredible detail.

Allowing users to extract the maximum amount of information from CCTV images, Electronic Zoom can be carried out on both live and playback video. Providing the ability to retrospectively control and view an image as if it were a live PTZ dome or camera, a great aid in post-event analysis.

BUILT-IN DE-WARPING

As part of the new feature set, Panamorphic and Immersive images can de-warped by the DVR, ensuring a completely seamless 360° recording and viewing solution, ideal for covering a wide space with a single camera.

* **Point&Go** / Absolute Positioning requires an Oracle Dome connected to a Next Generation DV-IP product that has the Enhanced User Interface (e.g. DV-IP RT or DV-IP HD)

HIGHVU EXCEL

UNPARALLELED REAL TIME PERFORMANCE & UNLIMITED INTEGRATION



HighVu Excel is a modular, Enterprise Class, CCTV system, allowing you to expand your security installation as requirements grow and change. Comprising of different components for management, video, storage and viewing, HighVu Excel's unique architecture enables additional modules to integrate into the system seamlessly, creating a single, powerful solution.

Designed as a centrally located CCTV system, HighVu Excel offers real-time, high resolution recording and viewing of 256 simultaneous video streams from more than 1024 cameras.



High Reliability

As would be expected, reliability is a key feature of HighVu Excel. Rather than relying on PC based technology, HighVu Excel contains a fully embedded architecture, ensuring that the system remains reliable and stable, even as the solution grows and changes.

Managed Storage

Care has been taken in protecting the storage elements of HighVu Excel, with Managed Storage - specifically designed for CCTV applications - offering environmental control and health monitoring of the individual hard disks. This consistent monitoring ensures the optimal operating condition for the storage is maintained, maximising disk life. In addition, health reporting and field serviceable drives ensure that maintenance can be planned and undertaken with minimum system disruption.

Enhanced User Interface

HighVu Excel is equipped with enhanced user features to greatly improve the operator experience. These include **Point&Go** Telemetry Control, interactive on screen maps, ePTZ of all connected cameras and the facility to de-warp fisheye lenses to provide a wider field of view from a single camera.

Real Time Performance

Real time image capture offers the capability to continually record and replay all cameras at upto D1 resolution, in real time, with lip-synchronised audio available on each camera.

Unlimited Integration

To deliver a fully bespoke enterprise system, Dedicated Micros uses its unique **PowerScript** application to offer full bi-directional integration with Security, Access Control, Building Management and Information Systems.

Viewing Flexibility

HighVu Excel's Digital Matrix provides viewing and control of 256 simultaneous video streams from more than 1024 cameras across 48 monitors. Operators are able to control and view video in any monitor combination or layout they require. Through the powerful Monitor Expansion Unit (MEU), customers can completely configure the layout of their control room, mixing composite and high definition monitors (including the option of digital video walls, scalable to the customers' needs) as required, providing the user with the ultimate in viewing flexibility - including the ability to view megapixel high definition images in their native resolution.

AnalyticsCapable

Taking advantage of the core technology developed and shared by the AD Group of companies, our analytics solutions use the power of NetVu Connected technology, allowing them to be seamlessly embedded within any **AnalyticsCapable** product, such as HighVu Excel. This unique approach allows the system to be upgraded retrospectively allowing the customer to deploy analytics applications as and when required without having to replace any part of the installation.

Taking full advantage of the seamless integration and scalability that NetVu Connected technology offers, users can add any **AnalyticsCapable** solution, such as Object Counting, to an existing HighVu Excel installation, merging analytics into the existing the solution.

Our portfolio of analytics solutions are available as software upgrades and include ANPR (Automatic number Plate Recognition), Object Left and Removed, People Counting and Perimeter Protection (known as Virtual Tripwire).

Price on application.



DV-IP RT

HIGH PERFORMANCE, REAL-TIME NETWORK VIDEO SERVER

The Dedicated Micros DV-IP RT is a stand-alone high performance recording solution designed for installations requiring high record rates, resolution quality and network capabilities. Available in 8, 16 and 32 input versions, the unit's recording capabilities of 200 PPS and 400PPS allows up to 16 cameras to be simultaneously recorded at full 4CIF resolution and in real-time. To give operators maximum viewing flexibility, the DV-IP RT can be configured to contain a mixture of spot or main monitor outputs in both Composite and HDMI formats (spot in composite format only).

- ✓ Embedded Console for Enhanced User Interface and control functionality
- ✓ 4CIF at 25pps on all cameras real time viewing, playback and recording
- ✓ Simultaneous MPEG-4 & JPEG transmission and recording
- ✓ **MultiMode** Recording - Dynamically-switchable resolution, record-rate & compression (MPEG4/JPEG) per camera
- ✓ Enhanced User features to greatly improve the operator experienceic connection to Remote Video Receiving Centre on alarm
- ✓ Colour Coded Menus give a context sensitive menu structure for the user
- ✓ Video Timeline allows the rapid search of captured video
- ✓ On screen graphical maps presented on the local monitors screen
- ✓ **Point&Go** telemetry
- ✓ ePTZ on any attached camera
- ✓ Local Control via IR Remote, Console or optional key board
- ✓ HDMI main monitor output with Decoder functionality allowing live and playback viewing from other NetVu Connected devices
- ✓ Can be used for central monitoring applications (BS-8418 compliant)
- ✓ Built-in internal DVD-R (DVD Writer) and USB ports
- ✓ Lip Sync Audio on 8 & 16 channel models
- ✓ 3 year warranty

With such high quality images and record rates available to the operator the DV-IP RT comes equipped with a flexible recording solution Dedicated Micros groundbreaking **MultiMode** Recording feature is included as standard and internal storage options include 2TB models with expansion available via external high-speed SATA ports. For local archiving and evidence removal the unit also contains an integrated DVD Writer and USB ports. For seamless operation across technologies and transmission media, the DV-IP RT can integrate analogue, IP and Megapixel cameras onto one platform with a common user interface.

The new DV-IP RT is equipped with enhanced user features to greatly improve the operator experience. These include a new graphical timeline bar for navigating playback video, interactive on screen maps and responsive on-screen telemetry control and an embedded console to allow cross network camera monitoring.



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

| Model Code | Description |
|-----------------|---|
| DV-IP RT | |
| DM/DVPR08RT30 | 8 channel Real time, 25pps per camera, global 200pps, 4CIF network DVR, 8+2 audio, alarms, 2TB, Serial, MultiMode , Coax/RS485, LAN, Dual SATA, Opt/USB, 30 Days recording, Embedded Console, video timeline |
| DM/DVPR16NT30 | 16 channel Near real time, 10pps per camera, global 200pps, 4CIF network DVR, 16 +2 audio, alarms, 2TB, Serial, MultiMode , Coax/RS485, LAN, Dual SATA, Opt/USB, 30 Days recording, Embedded Console, video timeline |
| DM/DVPR16RT14 | 16 channel Real time, 25pps per camera, global 400pps, 4CIF network DVR, 16 +2 audio, alarms, 2TB, Serial, MultiMode , Coax/RS485, Dual SATA, LAN, Opt/USB, 14 Days recording, Embedded Console, video timeline |
| DM/DVPR32NT14 | 32 channel Near real time, 10pps per camera, global 400pps, 4CIF network DVR, 2 audio, alarms, 2TB, Serial, MultiMode , Coax/RS485, Dual SATA, LAN, Opt/USB, 14 Days recording, Embedded Console, video timeline |



DV-IP HD

HIGH DEFINITION RECORDING AND PLAYBACK

| Model Code | Description |
|-----------------|---|
| DV-IP HD | |
| DM/DVPH/8H30 | 8 channel (IP & analogue). High definition recording, TransCoding , 2 x HDMI output, ITB, embedded console, video timeline |
| DM/DVPH/8H60 | 8 channel (IP & analogue). High definition recording, TransCoding , 2 x HDMI output, 2TB, embedded console, video timeline |

TransCoding

HDMI™

HIGH-DEFINITION MULTIMEDIA INTERFACE



The DV-IP HD is the first in a series of Dedicated Micros products offering High Definition recording and playback. The DV-IP HD is a full desk top High Definition CCTV system in a box, with all the benefits of a NetVu Connected Server and is the ideal companion product to the CamVu2000, allowing multiple megapixel video streams to be viewed and recorded simultaneously in high definition.

Using its Embedded Console and an attached keyboard or mouse, the DV-IP HD is able to offer local control of the system and viewing of the images (both live and playback) through the attached HD monitors, allowing the user to view and control high definition images locally without having to transfer data across the company network.

In addition, by utilising the company's unique **TransCoding** technology, users are able to view and capture high definition images locally whilst simultaneously streaming bandwidth optimised images to remote users without impacting the network.

- ✓ Hybrid DVR with 2 HDMI monitor outputs
- ✓ 8 Channel Megapixel Recording & Playback
- ✓ Mix analogue IP and Megapixel camera sources.
- ✓ Part of the growing range of AnalyticsCapable DVRs
- ✓ Ideal companion to Dedicated Micros CamVu2000 Megapixel camera
- ✓ Desktop design
- ✓ Local Control via attached keyboard, mouse, console or IR remote.
- ✓ Colour Coded Menus give a context sensitive menu structure for the user
- ✓ Video Timeline allows the rapid search of captured video
- ✓ On screen graphical maps presented on the local monitors screen
- ✓ **Point&Go** telemetry
- ✓ ePTZ on any attached camera
- ✓ DVD Drive & USB ports for evidence extraction.
- ✓ Dual channels of bi-directional audio
- ✓ **TransCoding** allows bandwidth optimised images to be streamed to remote operators without impacting the network
- ✓ 3 year warranty
- ✓ Embedded Console for Enhanced User Interface and control functionality



DV-IP HD



DV-IP DECODER

SCALABLE CONTROL ROOM & IP VIEWING SOLUTIONS

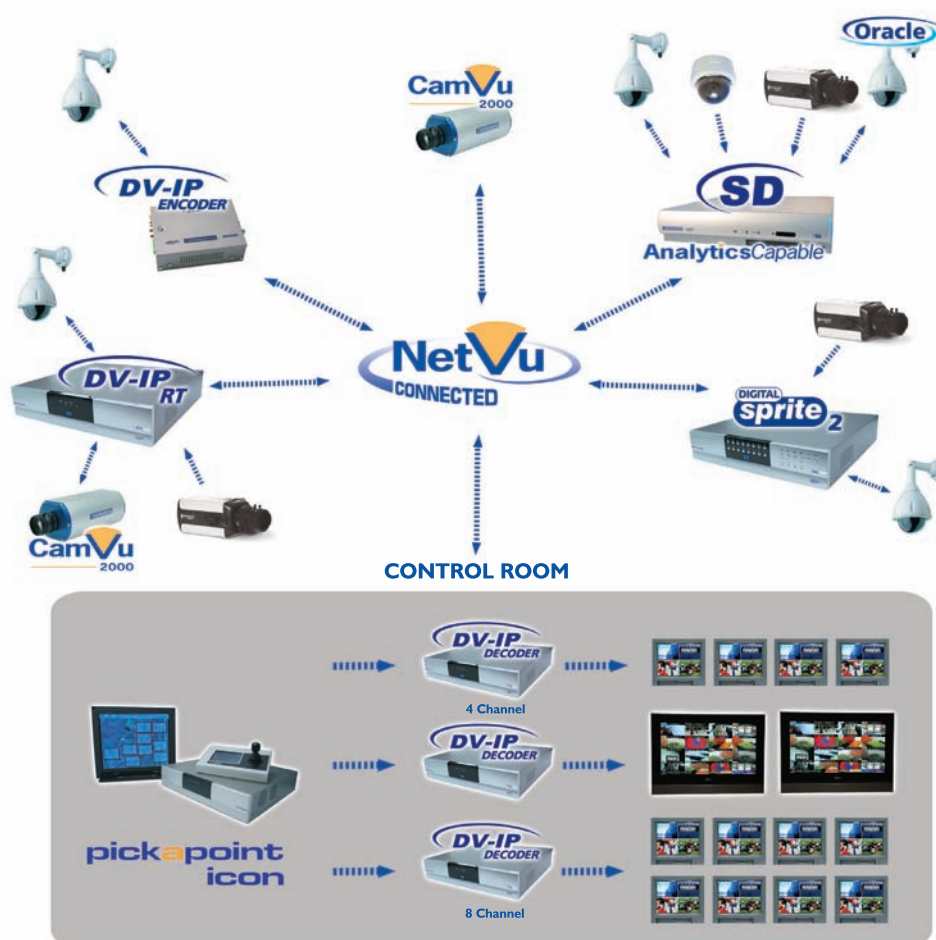
As an integral part of Dedicated Micros distributed monitoring and recording solution, the DV-IP Decoder acts as a receiving station for multiple video images transmitted from the range of NetVu Connected products.

Using its Embedded Console and an attached control solution such as Pick-A-Point the DV-IP Decoder can control cameras attached to DVRs and servers from across their system, regardless of geography - displaying the selected cameras on its monitor wall.

A range of DV-IP Decoder models are available with composite and HD outputs, allowing you to build flexible video walls combining any combination of analogue or digital screens. The monitor outputs are able to support single or multiscreen displays, with the High Definition model able to support native inputs from megapixel cameras such as Camvu2000. Audio support allows connections between multiple NetVu Connected video servers and a single Decoder, enabling the operator to monitor and control audio at various sites.

Typical applications where the DV-IP Decoder can be deployed include control rooms for shopping centres, casinos, town centres, and university campus's, where the need for a distributed CCTV system is required and beneficial whilst retaining a traditional control room solution.

| Model Code | Description |
|----------------------|--|
| DV-IP DECODER | |
| DM/DEC3A/S0/04 | Real Time D1/4CIF, 4 comp monitor NetVu Connected decoder, MPEG4/MJPEG, MultiMode |
| DM/DEC3A/S0/08 | Real Time D1/4CIF, 8 comp monitor NetVu Connected decoder, MPEG4/ MJPEG, MultiMode |
| DM/DEC3A/S0/2H8C | Real Time High Definition, Dual HDMI display, NetVu Connected decoder,, MPEG4/MJPEG MultiMode. |



DV-IP SERVER

PROFESSIONAL, CONNECTED CCTV

Dedicated Micros DV-IP Server is a high performance DVR designed for professional surveillance applications.

The DV-IP server provides **MultiMode** recording in either JPEG or MPEG format from up to 16 analogue or IP cameras (including DM CamVu products and 3rd party IP cameras).

It's intuitive graphical user interface can be controlled via mouse, remote or keyboard and makes the product easy to set up and use, minimising operator training.

NetVu Connected interoperability means that not only can the local monitor be used to view cameras attached to this unit, it can connect to any other NetVu Connected DVR's or Server to reviewing and controlling live or replay video.

DV-IP Server is **AnalyticsCapable** meaning that Analytics software licenses are available to provide advanced Video solutions for Automatic Number plate recognition, Valuable object protection and trip wire detection, to name a few of the possible solutions available.



DV-IP
SERVER



- ✓ 8, 12 and 16 camera variants
- ✓ Easy to select 7, 14, 30 or 60 day recording (model variant dependent)
- ✓ Consistent performance per camera guaranteed for 30 or 60 day storage
- ✓ Simultaneous MPEG-4 and JPEG transmission and recording
- ✓ **MultiMode** Recording
- ✓ Compatible with external SATA storage devices
- ✓ Built in DVD-R writer and USB ports for download of video archive to external flash memory
- ✓ IP Camera support
- ✓ Can be used for central monitoring applications (BS-8418 compliant)
- ✓ **AnalyticsCapable** – enables analytics solutions to be deployed on your CCTV system
- ✓ Colour Coded Menus give a context sensitive menu structure for the user; controlled via IR Remote, mouse, console or optional keyboard
- ✓ Common User Interface when accessed locally at the unit or remotely via a web browser
- ✓ Video Timeline allows the rapid search of captured video
- ✓ On screen graphical
- ✓ **Point&Go** telemetry provides the user with easy to use, fast, accurate, on screen telemetry control
- ✓ ePTZ on any attached camera
- ✓ Absolute Positioning uses Camera Selection Maps and the unique Absolute Positioning capability of Oracle Domes to allow an operator to, with one mouse click, select a camera and send it to view an area of the site (Pan and tilt)
- ✓ Embedded Console for Enhanced User Interface and control functionality

| Model Code | Description |
|-------------------|--|
| 8 CHANNEL | |
| DM/DVP3/08N30 | 8 channel network DVR, 2 audio, alarm, 250GB, 5pps per camera, global 50pps, MultiMode, DVD-R, Coax/RS485, SATA, LAN, USB, 30 Days recording, embedded console |
| DM/DVP3/08N60 | 8 channel network DVR, 2 audio, alarm, 500GB, 5pps per camera, global 50pps, MultiMode, DVD-R, Coax/RS485, SATA, LAN, USB, 60 Days recording, embedded console |
| 12 CHANNEL | |
| DM/DVP3/12N30 | 12 channel network DVR, 2 audio, alarm, 500GB, Serial interface, 5pps per camera, global 75pps, MultiMode, DVD-R, Coax/RS485, SATA, LAN, USB, 30 Days recording, embedded console |
| DM/DVP3/12N60 | 12 channel network DVR, 2 audio, alarm, 750GB, Serial interface, 5pps per camera, global 75pps, MultiMode, DVD-R, Coax/RS485, SATA, LAN, USB, 60 Days recording, embedded console |
| 16 CHANNEL | |
| DM/DVP3/16M30 | 16 channel network DVR, 2 audio, alarm, 320GB, Serial interface, 2pps per camera, global 50pps, MultiMode, DVD-R, Coax/RS485, SATA, LAN, USB, 30 Days recording, embedded console |
| DM/DVP3/16N30 | 16 channel network DVR, 2 audio, alarm, 500GB, Serial interface, 5pps per camera, global 100pps, MultiMode, DVD-R, Coax/RS485, SATA, LAN, USB, 30 Days recording, embedded console |
| DM/DVP3/16N60 | 16 channel network DVR, 2 audio, alarm, 1TB, Serial interface, 5pps per camera, global 100pps, MultiMode, DVD-R, Coax/RS485, SATA, LAN, USB, 60 Days recording, embedded console |

DV-IP EXPRESS

ENTRY LEVEL, REAL-TIME DIGITAL RECORDING

| Model Code | Description |
|-------------------|--|
| 8 CHANNEL | |
| DM/DVPE/8X30 | 8 channel DVR, 2 audio, alarm, 500GB, Global 200 PPS, DVD-R, coax/RS485, SATA USB's, 30 day recording |
| 12 CHANNEL | |
| DM/DVPE/12X30 | 12 channel DVR, 2 audio, alarm, 750GB, Global 300 PPS, DVD-R, coax/RS485, SATA USB's, 30 day recording |
| DM/DVPE/12X60 | 12 channel DVR, 2 audio, alarm, 1.5TB, Global 300 PPS, DVD-R, coax/RS485, SATA USB's, 60 day recording |
| 16 CHANNEL | |
| DM/DVPE/16X14 | 16 channel DVR, 2 audio, alarm, 500GB, Global 400 PPS, DVD-R, coax/RS485, SATA USB's, 14 day recording |
| DM/DVPE/16X30 | 16 channel DVR, 2 audio, alarm, 1TB, Global 400 PPS, DVD-R, coax/RS485, SATA USB's, 60 day recording |
| DM/DVPE/16X60 | 16 channel DVR, 2 audio, alarm, 1.5TB, Global 400 PPS, DVD-R, coax/RS485, SATA USB's, 60 day recording |



As an entry-level desktop DVR, the DV-IP Express provides incredible price-beating performance, combining high frame rate recording with real-time live multi-screen viewing in a cost-effective package.

Offering up to 25pps on every channel, the DV-IP Express can record up to 16 cameras, simultaneously, in real-time at CIF resolution.

If need be the DV-IP Express can also use image resolution of 2CIF to 4CIF should high quality alarm images be required.

The DV-IP Express offers the user maximum viewing flexibility, displaying full-screen, quad, and a variety of multiscreen display formats, all of which will have real-time updates in live mode.

Designed for the cost-conscious user who wants the latest security features without breaking the bank, the DV-IP Express is ideal for customers who are looking to deploy a low-cost, real-time CCTV system or upgrade their existing solution with a practical, cost-effective DVR.



- ✓ Available in 8, 12 and 16 channel input versions
- ✓ Record rate of 25pps per camera channel at CIF
- ✓ 2CIF available at 12pps per camera
- ✓ 4CIF available at 6pps per camera
- ✓ Live multiscreen, real-time viewing improves the live monitoring capability of your CCTV system
- ✓ Identical, on-screen (monitor) & remote (network) configuration pages simplify the installation process and reduce set up time.
- ✓ Systems using DV-IP Express can be implemented quickly and with minimum installation cost.
- ✓ NetVu Connected technology guarantees complete interoperability with the entire range of NetVu Connected products.
- ✓ USB port for download of video archive
- ✓ Compatible with external SATA storage devices
- ✓ DVD-Drive and USB ports for retrieval of evidence and data
- ✓ 3 year warranty



DV-IP ATM

PROFESSIONAL, NETWORK VIDEO SERVER



ATM machines operate a service of convenience, which is taken for granted by most of the general public, however these cash points are open to abuse by the criminal underworld. Popular crimes include; card skimming, shoulder surfing, and straight forward theft.

To help the financial sector combat ATM crime, and the fraudulent use of debit/credit cards Dedicated Micros designed the 'NetVu Connected' DV-IP ATM. The unit is specifically sized for installation within the confined conditions of an ATM machine. The DV-IP ATM can process transaction data which is then recorded with the video footage. Post event analysis via the built in text search engine provides video imagery of the ATM user plus transaction information. This will then allow the branch customer services team to quickly resolve any genuine customer withdrawal disputes. Spot monitor support provides a visual deterrent which helps to assure customers and staff of a safe and secure cash withdrawal facility.

DV-IP ATM is a professional network video server, and is designed to meet the demands of 24 hour video surveillance using new or existing IP enabled computer networks, for example, alarm reporting, FTP archiving, JPEG/MPEG-4 transcoded video transmission and **MultiMode** Recording can all be accessed and configured through the network.

ATMi

Dedicated Micros' ATM Interface Module has been designed to offer integration between Automatic Teller Machines (ATM's) and the DM range of DVR's, including the DV-IP Server and DV-IP ATM. Each module allows transaction data from up to 8 individual ATM's to be received, decoded and stored alongside the relevant images on the DVR or Server.

- ✓ IP address notification through a connected spot monitor simplifies the installation process
- ✓ Simultaneous MPEG-4 & JPEG transmission and recording
- ✓ **MultiMode** Recording - Dynamically-switchable resolution, record-rate & compression (MPEG4/JPEG) per camera
- ✓ Simultaneous record, playback, live viewing, archiving and multiple user network viewing with no loss of recording performance
- ✓ Automatic connection to remote video receiving centre on alarm
- ✓ Pre-alarm recording to capture evidence before alarms are triggered
- ✓ Immediate access to any time/date via instant GOTO capability
- ✓ Video motion search allows search back through recordings for movement in a specific area of the image
- ✓ Web based configuration allows remote system adjustments negating the need for site visits
- ✓ SDK available for project customisation
- ✓ All passwords and user accounts are configurable through the web interface



| Model Code | Description |
|------------------|---|
| DV-IP ATM | |
| DM/DVPV/080 | 4 channel 50pps, Network Video Server with 80GB Hard Drive |
| DM/DVPV/160 | 4 channel 50pps, Network Video Server with 160GB Hard Drive |
| DM/DVPV/320 | 4 channel input 50pps, Network Video Server with 320GB Hard Drive |
| DM/DVPV/600 | 4 channel input 50pps, Network Video Server with 600GB Hard Drive |
| ATMi | |
| DM/TXTSRV2/ATM | ATM Interface Module |

DS SERVER

PROFESSIONAL, NETWORK VIDEO SERVER

A professional network video server with integrated recording, the DS Server is designed to meet the demands of 24 hour video surveillance using new or existing IP enabled computer networks.

The DS Server offers the installer a simple set-up process. On initial start-up, the immediate notification of the unit's IP address is displayed on screen via a connected composite monitor. This eliminates the need to connect a laptop to set or find the IP address and saves valuable installation time.

DIGITAL
sprite
Server



Incorporating features that are critical for central monitoring station applications and remote viewing, the DS Server includes advanced alarm management, an alternative signaling path, tamper proof alarm inputs, fault tolerance and comprehensive system logs, FTP archiving and JPEG/MPEG-4 transcoded video transmissions. The DS Server also utilizes the latest technology to dynamically-switch between resolution, record-rate & compression using **MultiMode** Recording, ensuring images are captured how and when the user wants.

The balance of a simple installation and comprehensive remote monitoring features is provided by the DS Server without compromise. As part of the 'NetVu Connected' family the DS Server is built to adapt to future advances in security technology, protecting your investment for years to come.

| Model Code | Description |
|-------------------|--|
| 10 CHANNEL | |
| DM/DSS/160D10 | 10 channel, 100pps, BS8418, Network Video Server with 160GB Hard Drive |
| DM/DSS/320D10 | 10 channel input, 100pps, BS8418, Network Video Server with 320GB Hard Drive |
| 16 CHANNEL | |
| DM/DSS/320D16 | 16 channel input, 100pps, BS8418, Network Video Server with 320GB Hard Drive |
| DM/DSS/600D16 | 16 channel, 100pps, BS8418, Network Video Server with 600GB Hard Drive |
| DM/DSS/1T0D16 | 16 channel, 100pps, BS8418, Network Video Server with 1TB Hard Drive |

- ✓ 10 or 16 channel options
- ✓ IP address notification for simplified installation
- ✓ NetVu Connected
- ✓ **MultiMode** Recording
- ✓ BS8418 compliant
- ✓ Simultaneous MPEG-4 and JPEG transmission and recording



DV-IP ENCODER

NETVU CONNECTED SINGLE CHANNEL ENCODER

The DV-IP Encoder is a single channel encoder designed to increase the flexibility of NetVu Connected analogue/IP CCTV networks. Its versatility allows existing and new analogue cameras to be added to an IP network, allowing a CCTV solution to expand and adapt organically without the cost and trouble of completely replacing and redesigning the installation.

Its integrated **MultiMode** Recording profiles* can be set to give the user the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically across normal and alarm modes. Day, night and weekend schedules are also supported. The inclusion of pre-alarm images, streamed to the DVR on alarm, ensures the user captures enhanced image evidence prior to an event.

Although small and compact the DV-IP Encoder includes a range of CCTV features including; serial telemetry support and integration opportunities using the NetVu SDK (Software Development Kit).

The DV-IP Encoder is flexible enough to allow the CCTV network to grow as a hybrid, analogue/IP solution without the need for the customer to replace the entire installation. Typical applications for the unit include corporate buildings, shopping centres, universities and hotels.

By utilising the power of NetVu Connected technology, the DV-IP Encoder provides interoperability across a whole CCTV installation.

- ✓ JPEG/MPEG-4 simultaneous video compression
- ✓ Up to 25PPS (PAL), 30PPS (NTSC) record rate
- ✓ QCIF, CIF, 2CIF, 4CIF Resolution support
- ✓ Serial Telemetry support for PTZ cameras
- ✓ **MultiMode** Recording support
- ✓ SDK available for project customization
- ✓ Embedded web pages for basic configuration
- ✓ Fully compatible with NetVu ObserVer



| Model Code | Description |
|----------------------|--|
| DV-IP ENCODER | |
| DM/DVPA/ENC01B | Single Channel Video Encoder (UK), audio, alarm, D+, Serial Interface, LAN, RS485, 25PPS, JPEG/MPEG4 |
| DM/DVPA/ENC01E | Single Channel Video Encoder (Europe), audio, alarm, D+, Serial Interface, LAN, RS485, 25PPS, JPEG/MPEG4 |

*Available in future releases

DV-IP CODEC

NetVu CONNECTED SINGLE CHANNEL CODEC



The DV-IP Codec is a single channel selectable encoder/decoder designed to increase the flexibility of NetVu Connected CCTV networks. Its versatility allows the user to choose whether the unit operates as a single channel encoder or decoder as the installation dictates.

Although small and compact the DV-IP Codec includes a range of advanced CCTV features including; Serial telemetry, Pre-Alarm capability and Integration opportunities using the NetVu SDK.

The DV-IP Codec is suitable for applications such as corporate buildings, shopping centers, universities and hotels.

By utilising the power of NetVu Connected technology, the DV-IP Codec provides the gateway to interoperability across the whole CCTV installation.

Encoder Capability

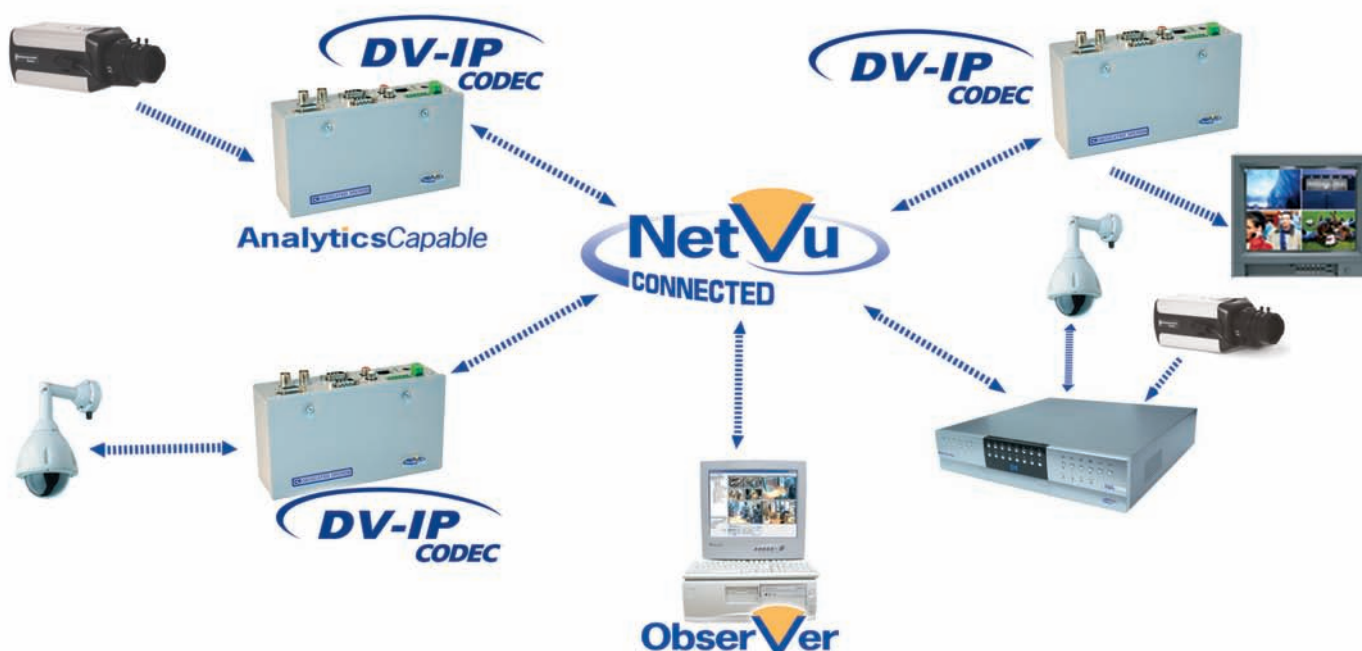
In encoder mode the DV-IP Codec allows existing and new analogue cameras to be added to an IP network, allowing a CCTV solution to expand and adapt organically without the cost and trouble of completely replacing and redesigning the installation.

Its two integrated **MultiMode Recording*** profiles can be set to give the user the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically across normal and alarm modes.

Decoder Capability

The DV-IP Codec in its Decoder mode gives the user increased viewing flexibility by allowing additional monitoring stations to be deployed around the CCTV installation as and when required.

The unit can support full and quad screen viewing modes whilst multisite viewing and the automatic detection of MPEG-4/JPEG streams ensures the small form unit meets the latest CCTV viewing requirements either as a single monitor application or as part of a larger video wall solution the DV-IP Codec is a powerful addition to the NetVu Connected family of products.



| Model Code | Description |
|--------------------|---|
| DV-IP CODEC | |
| DM/DVPB/CDC01B | Single Channel Video Encoder/Decoder (UK), audio, alarm, D+, serial interface, LAN, RS485, 25PPS, JPEG/MPEG4, User Selectable |
| DM/DVPB/CDC01E | Single Channel Video Encoder/Decoder (Europe), audio, alarm, D+, serial interface, LAN, RS485, 25PPS, JPEG/MPEG4, User Selectable |

*Available in future releases

SD RANGE

FEATURE PACKED DVR RANGE WITH TELEMETRY

The SD Range offers the user a high performance, easy to use plug and play DVR with selectable record duration providing up to 30 or 60 days recording. Now available in 4, 8, 12, 16 and 32 channel variants, the SD Range offers consistent recording duration and smooth motion video on ALL cameras.

New “Normal, Medium and Low” recording models have been created which maintain consistent performance per camera.

Menus allow per channel configuration to utilise full global PPS. Of course for those looking for more advanced features the SD's common user interface can be configured locally via its IR Remote Control/optional keyboard or remotely via web pages.

In addition, key variants in the range are able to take advantage of the advances in DM's software analytics programme. The **AnalyticsCapable** technology will allow the user to deploy features such as ANPR, Object Removed and People Counting to further enhance the value of their security solution. With the perfect combination of out of the box practicality and unrivalled levels of performance, the SD Range is the perfect mid-level DVR.

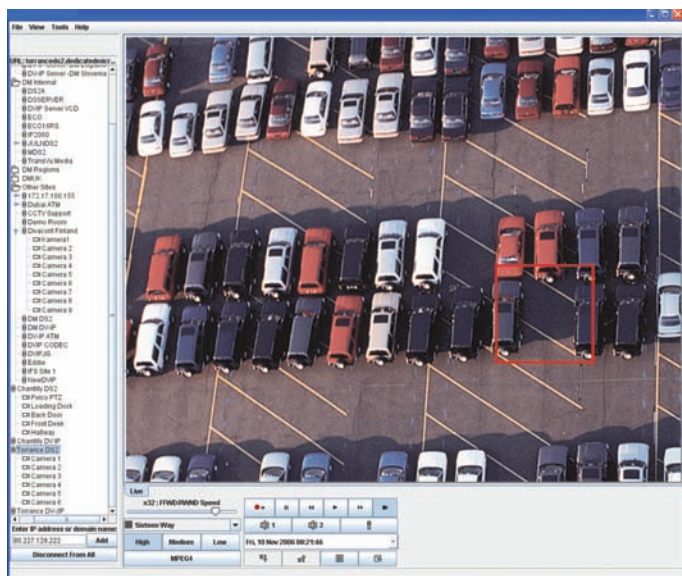
- ✓ 4, 8, 12, 16, 32 camera input options
- ✓ Easy to select record settings for 7, 14, 30 or 60 days recording (model variant dependent)
- ✓ Consistent performance per camera guaranteed for 30 or 60 day storage
- ✓ Selected models are compatible with external SATA storage devices via DM Managed Storage Units
- ✓ Telemetry support (Coax & Serial)
- ✓ **MultiMode** Recording
- ✓ JPEG or MPEG-4 recording and transmission
- ✓ Built in CD-R writer and USB ports for download of video archive to external flash memory
- ✓ **AnalyticsCapable** option on 8, 12 and 16 channel Normal rate units
- ✓ All DVR functions fully supported by unique colour coded soft key control via IR Remote or optional keyboard
- ✓ BS8418 compliant remote alarm reporting
- ✓ Text support and text search features for retail installations
- ✓ Touch keyboard and 3-axis joystick keyboard options
- ✓ Can be configured via USB mouse and USB QWERTY keyboard



| Model Code | Description |
|--------------------|---|
| 4 CHANNEL | |
| DM/SD04N30 | 4 channel 5pps per cam, global 50pps, DVR 30 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD04N60 | 4 channel 5pps per cam, global 50pps, DVR 60 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| 8 CHANNEL | |
| DM/SD08N30 | 8 channel 5pps per cam, global 50pps, DVR 30 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD08N60 | 8 channel 5pps per cam, global 50pps, DVR 60 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| 12 CHANNEL | |
| DM/SD12N30 | 12 channel 5pps per cam, global 75pps, DVR 30 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD12N60 | 12 channel 5pps per cam, global 75pps, DVR 60 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| 16 CHANNEL | |
| DM/SD16N30 | 16 channel 5pps per cam, global 100pps, DVR 30 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD16M30 | 16 channel 2pps per cam, global 50pps, DVR 30 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD16N60 | 16 channel 5pps per cam, global 100pps, DVR 60 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| 32 CHANNEL | |
| DM/SD32L30 | 32 channel 1pps per cam, global 50pps, DVR 30 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD32M30 | 32 channel 2pps per cam, global 100pps, DVR 30 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD32L60 | 32 channel 1pps per cam, global 50pps, DVR 60 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| DM/SD32M60 | 32 channel 2pps per cam, global 100pps, DVR 60 day capacity, MultiMode , CD, USB, IR Remote, Audio |
| ACCESSORIES | |
| DM/KBC1 | Touch Keyboard for SD and DV-IP Range |
| DM/KBC2 | Joystick Keyboard for SD and DV-IP Range |
| DM/RC06 | Additional IR Remote for SD and DV-IP Range |
| DM/KBC/ACC | Remote keyboard for SD and DV-IP Range |

SD A

EMBEDDED ANALYTICS SOLUTIONS



A first in the mid range CCTV market, Dedicated Micros software analytics programme allows the user to deploy a range of analytics solutions on the SD Range. The SD A range includes the hardware upgrade as standard, allowing you to instantly implement a range of Dedicated Micros analytics components and solutions including; ANPR, Object Left, Object Counting, Object Removed and Intrusion Detection / Perimeter Protection.

Dedicated Micros **AnalyticsCapable** solutions are available on the SD Range via a hardware and software license upgrade on the 8, 12 and 16 channel standard SD Range models. SD A models only require the analytics software license. Contact the customer services team for more information.

| Model Code | Description |
|-------------------|--|
| SD A | |
| DM/SDA08N30 | AnalyticsCapable , 8 Channel DVR, 30 days recording at 5pps per camera, global 50pps. CD Writer |
| DM/SDA12N30 | AnalyticsCapable , 12 Channel DVR, 30 days recording at 5pps per camera, global 75pps. CD Writer |
| DM/SDA16N30 | AnalyticsCapable , 16 Channel DVR, 30 days recording at 5pps per camera, global 100pps. CD Writer |
| DM/SDA12N60 | AnalyticsCapable , 8 Channel DVR, 60 days recording at 5pps per camera, global 50pps. CD Writer |
| DM/SDA16N60 | AnalyticsCapable , 12 Channel DVR, 60 days recording at 5pps per camera, global 75pps. CD Writer |
| DM/SDA08N30 | AnalyticsCapable , 16 Channel DVR, 60 days recording at 5pps per camera, global 100pps. CD Writer |
| SD UPGRADE | |
| DM/SDA08UPG | SD 8 channel upgrade to SD AnalyticsCapable |
| DM/SDA12UPG | SD 12 channel upgrade to SD AnalyticsCapable |
| DM/SDA16UPG | SD 16 channel upgrade to SD AnalyticsCapable |

AnalyticsCapable



DIGITAL SPRITE2

FLEXIBLE DIGITAL CONTROL



| Short Order Code | Part Code | Description |
|--------------------|-----------------|--|
| 6 CHANNEL | | |
| DS2P6DVD250GB | DM/DS2PD250/06 | 6 channel DVR, audio, alarm, 250GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P6DVD500GB | DM/DS2PD500/06 | 6 channel DVR, audio, alarm, 500GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P6DVD750GB | DM/DS2PD750/06 | 6 channel DVR, audio, alarm, 750GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| 9 CHANNEL | | |
| DS2P9DVD250GB | DM/DS2PD250/09 | 9 channel DVR, audio, alarm, 250GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P9DVD500GB | DM/DS2PD500/09 | 9 channel DVR, audio, alarm, 500GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P9DVD750GB | DM/DS2PD750/09 | 9 channel DVR, audio, alarm, 750GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| 16 CHANNEL | | |
| DS2P16DVD250GB | DM/DS2PD250/16 | 16 channel DVR, audio, alarm, 250GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P16DVD500GB | DM/DS2PD500/16 | 16 channel DVR, audio, alarm, 500GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P16DVD750GB | DM/DS2PD750/16 | 16 channel DVR, audio, alarm, 750GB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P16DVD1TB | DM/DS2PD1T0/16 | 16 channel DVR, audio, alarm, 1TB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| DS2P16DVD1.5TB | DM/DS2PD1T5/16 | 16 channel DVR, audio, alarm, 1.5TB HDD, Serial Interface, Coax/RS485, SCSI, LAN, DVD-Writer, 100pps |
| ACCESSORIES | | |
| KBS3A | DM/KBS3A | Optional Keyboard with full telemetry control |
| VS16 | DM/CX02/16/16GB | 485-Bus Video switcher 16 inputs x 16 outputs Switches Main and/or Spot Monitors |
| CI01 | DM/CI01/16 | Remote Alarm Module |
| CI02 | DM/CI02/16 | Relay Output Module |

The DS2 is a scalable mid-range DVR containing recording and transmission capabilities in a single unit, ideally suited for medium-to-large CCTV installations. The DS2 includes Dedicated Micros unique **TransCoding** technology to provide advanced networking functionality. In another industry first for Dedicated Micros the DS2 can dynamically-switch between resolution, record-rate & compression using **MultiMode** Recording.

By combining recording and transmission in one product, the DS2 removes the need for additional transmission equipment. This saves installers and system integrators time and headaches when building solutions, and users unnecessary cost.

On-site operations include features such as DVD archiving and DuoVu. Recordings are accessible locally to the user at the touch of a button or via powerful GOTO and event preview facilities. The built in DVD-R writer provides a quick and easy way of copying key events to DVD or CD on-site whilst FTP archiving allows evidence transfer over the network, automatically or on demand. The DS2's remote functionality makes it fully compliant to the UK code of practice for remotely monitored detector activated CCTV systems – BS8418 - with features such as Instant Alarm Reporting (including dial-out on alarm), tamper proof alarms and an alternative signaling path.



- ✓ 6, 9 and 16 camera options, 100pps (PAL)
- ✓ Recording and transmission in a single unit
- ✓ **MultiMode** Recording
- ✓ Simultaneous, high quality JPEG and MPEG-4 transmission and recording via unique **TransCoding** technology
- ✓ Supplied with NetVu ObserVer PC viewing software
- ✓ VMD and video motion search
- ✓ 3 year warranty including drives

- ✓ BS8418 Compliant with support for remote monitoring
- ✓ Capture, record and search video footage by time, event and text data
- ✓ Quick and easy transfer of images to integrated DVD Writer
- ✓ IP Streaming & Recording from IP Cameras and other NetVu Connected DVR's and Video Servers
- ✓ Coax and Serial telemetry control across a wide range of industry standard protocols

BX2

LONG TERM DIGITAL RECORDING SOLUTION

The new generation, high-performance BX2 and BX2 Continuous Archive contain "NetVu Connected" technology and simultaneous MPEG-4 and JPEG transmission and recording to provide advanced networking functionality. On-site operations have been enhanced with features such as DVD archiving and DuoVu, whilst new remote functionality including Remote Alarm Reporting (including dial-out on alarm) and an alternative signaling path mean that you can find out about a situation in time to control it.

In yet another industry first for Dedicated Micros the BX2 can dynamically-switch between camera resolution, record-rate & compression settings using **MultiMode** Recording. All of these features come in one easy-to-use box.



The standard BX2 unit contains 4 hard-drives providing up to 3TB of continuous digital recording. A high reliability Continuous Archive unit is also available that provides RAID 1 fault-tolerance to disk failure. The Continuous Archive unit allows archive disks to be replaced without affecting recording, enabling continuous archiving for as long as the application demands. All recordings are accessible to the user at the touch of one button or via powerful GOTO and event preview facilities. Images can be copied to the internal DVD-R for play back on a PC.

As part of the expanding NetVu Connected family the BX2 provides an ideal platform for digital system integration. Compatibility with other NetVu connected products, such as the DS2, DV-IP Server and NetVu Console gives the user flexible local and remote control. This is further enhanced by integration with NetVu ObserVer and its Remote Video Receiving Centre Software.



- ✓ Quick and easy copy to internal DVD-Writer
- ✓ Maximum record rate of 100PPS (PAL), 120PPS (NTSC)
- ✓ **MultiMode** Recording
- ✓ Simultaneous MPEG-4 and JPEG playback and recording
- ✓ Ethernet remote viewing
- ✓ Video motion detection and search facilities
- ✓ Text Search facility
- ✓ Audio recording
- ✓ IP Streaming and Recording from Cameras and other NetVu Connected DVRs



| Model Code | Description |
|------------------------------------|---|
| BX2 | |
| DM/BX2D/640 | 16 channel DVR, audio, alarm, BS8418 compliant, 640GB Internal Hard Drive, DVD-R Archive capability, 100pps |
| DM/BX2D/1T2 | 16 channel DVR, audio, alarm, BS8418 compliant, 1.2TB Internal Hard Drive, DVD-R Archive capability, 100pps |
| DM/BX2D/2T0 | 16 channel DVR, audio, alarm, BS8418 compliant, 2TB Internal Hard Drive, DVD-R Archive capability, 100pps |
| DM/BX2D/3T0 | 16 channel DVR, audio, alarm, BS8418 compliant, 3TB Internal Hard Drive, DVD-R Archive capability, 100pps |
| BX2 CA (Continuous Archive) | |
| DM/BX2CA/1T2 | 16 channel Continuous Archive DVR with DVD-R, 100PPS, 1.2TB Hot Swap (640GB) |
| DM/BX2DCA/2T0 | 16 channel Continuous Archive DVR with DVD-R, 100PPS, 2TB Hot Swap (1TB) |
| DM/BX2DCA/3T0 | 16 channel Continuous Archive DVR with DVD-R, 100PPS, 3TB Hot Swap (1.5TB) |
| ACCESSORIES | |
| DM/CDY/600 | Pair of matched 600GB Caddies for BX2 CA |
| DM/USB2/VIEWER | USB2 PC Viewer for BX2 CA Caddies |
| DM/CDY/1T0 | Pair of matched 1TB Caddies for BX2 CA |
| DM/CDY/1T5 | Pair of matched 1.5TB Caddies for BX2 CA |

Eco RANGE

LOW COST DIGITAL CCTV

Eco4 is a 4-camera entry-level DVR that is quick to install, easy to train staff to use and requires less maintenance than a traditional time-lapse VCR / multiplexer combination. Designed to have the “look and feel” of a traditional CCTV system, Eco4 offers familiar multiplexer and VCR style control keys. Just plug in up to 4 cameras, power-up and the unit automatically configures itself and starts recording.



- ✓ 4 camera inputs
- ✓ Built-in CD-R
- ✓ Built-in video motion detection
- ✓ Covert camera option
- ✓ 25PPS (PAL) record rate
- ✓ Compact, space saving design
- ✓ Quad display and picture in picture viewing
- ✓ Remote viewing via Ethernet or dial-up connection

| Model Code | Description |
|----------------|--|
| ECO4 | |
| DM/ECO4C/80 | 4 channel entry level DVR, JPEG, 25pps, 80GB HDD |
| DM/ECO4C/160 | 4 channel entry level DVR, JPEG, 25pps, 160GB HDD |
| DM/ECO4C/300 | 4 channel entry level DVR, JPEG, 25pps, 300GB HDD |
| ECO9 | |
| DM/ECO9C/160B | 9 channel Entry Level Digital Multiplex Recorder, 160GB, Ethernet, Built-in CD-R, 50PPS |
| DM/ECO9C/300B | 9 channel Entry Level Digital Multiplex Recorder, 300GB, Ethernet, Built-in CD-R, 50PPS |
| ECO16 | |
| DM/ECO16C/160B | 16 channel Entry Level Digital Multiplex Recorder, 160GB, Ethernet, Built-in CD-R, 50PPS |
| DM/ECO16C/300B | 16 channel Entry Level Digital Multiplex Recorder, 300GB, Ethernet, Built-in CD-R, 50PPS |



- ✓ 9 or 16 Camera inputs
- ✓ Built-in CD-Writer
- ✓ Built-in video motion detection
- ✓ Covert Camera support
- ✓ 50PPS (PAL) record rate
- ✓ Spot Monitor support
- ✓ Part of the NetVU Connected family
- ✓ Multi-screen, quad display and picture in picture viewing
- ✓ Remote viewing via Ethernet or dial-up connection
- ✓ 2 year warranty including drives

The Eco9 and Eco16 provide users with a 9 or 16 channel, entry level DVR that's quick to install and easy to use.

Straight forward set-up procedures and features such as auto-camera detect allow the system to be quickly operational. Just plug in the cameras, power-up and the unit automatically configures itself and begins recording.

Access to archived images through the touch of a button or via powerful GOTO and event preview features allows any date, time or event to be recalled and viewed instantly. An integrated CD-Writer provides a quick and easy way of copying digitally signed evidence to CD.

The Eco9 and Eco16 provide all the features you could require in an entry level DVR and irrespective of whether you are viewing live or playback images – are always recording, so you can remain safe in the knowledge that real time events are still being captured.

RAID, JBOD AND MANAGED STORAGE

LONG TERM DIGITAL RECORDING SOLUTION

Dedicated Micros has a range of storage solutions with the capacity to meet today's most demanding requirements for extended high-quality recording.

The range has components suitable for all budgets and requirements. A basic 1TB JBOD provides high capacity to augment the internal disks of DM DVRs. A standard 2.4TB RAID provides additional resilience to ensure data remains available even in the eventuality of a disk failure, while a high end 6TB RAID offers both maximal resilience and highest storage density.

Both JBOD and RAID units can be daisy-chained together to meet specific capacity requirements. The units have been factory-formatted, with capacities suitable for all current DV-IP, BX2, and DS2 products.



| Model Code | Description |
|------------------------------|---|
| JBOD | |
| DM/JBOD/1T | JBOD unit for 1TB of additional storage |
| RAID | |
| DM/RAIDS/R8/2T4 | RAID unit 8 bays 2T4 disks - 2.1TB fault tolerant storage |
| DM/RAIDS/R8/4T0 | RAID unit 8 bays 4T0 disks - 3.5TB fault tolerant storage |
| DM/RAIDS/R8/6T0 | RAID unit 8 bays 6T0 disks - 5.25TB fault tolerant storage |
| MANAGED STORAGE UNITS | |
| DM/MSUA1T25 | 1.25TB managed storage unit for SATA enabled NetVu Connected products |
| DM/MSUA2T5 | 2.5TB managed storage unit for SATA enabled NetVu Connected products |
| DM/MSUA3T75 | 3.75TB managed storage unit for SATA enabled NetVu Connected products |
| DM/MSU5T0 | 5TB managed storage unit for SATA enabled NetVu Connected products |



SATA Managed Storage Units provide increased video storage capacity for Dedicated Micros DVR's equipped with SATA storage expansion ports.

Using a combination of constant monitoring and environmental control of individual hard disk drives, the Managed Storage Units provide consistent and optimal operating conditions for maximum disk life.

Health reporting and field serviceable drives ensure that maintenance can be planned and undertaken with minimum system disruption.

Dedicated Micros Managed Storage Units are currently compatible with the following products; DV-IP RT, HighVu Excel, SD Range, DV-IP Server, please contact your local DM Customer Services team for the latest list of compatible models

POS INTERFACE

Dedicated Micros POS interface units are compatible with over 300 cash registers and EPOS terminals from the most popular manufacturers, with new interface units being added all the time. So whether you're undertaking a new point of sale installation, or you're looking to upgrade a current system, Dedicated Micros will have the Retail Solution to meet your needs. Please contact your distributor to find the models that support the EPOS systems you will be attaching.



| Model Code | Description |
|-----------------------|--|
| POS INTERFACES | |
| DM/RES - Class A | Retail Solutions POS Interface - Serial External - specify model |
| DM/REP - Class B | Retail Solutions POS Interface - Parallel External - specify model |
| DM/RIB - Class C | Retail Solutions POS Interface - Custom Internal - specify model |
| APOS | |
| DM/TXTSRV2/POS | Advanced POS Interface Module |

APOS ADVANCED POS INTERFACE MODULE



Adding an Advanced POS Interface Module to an existing DM DVR, such as a DS2 or DV-IP Server, is a simple yet powerful way of enhancing your day to day combat against business crime. A single Interface Module can handle up to 8 POS locations and provide all the necessary data from the cash register to allow the user to associate POS text and data with video images and alarms.

Embedded intelligence allows all text to be validated against pre-defined rules. This allows, for example, Low Value - High Tender and Out Of Hours Transactions to be monitored and easily indexed on the DVR. A free text search facility allows you to quickly track down and act upon those unexpected items that are identified. Aside from deterring theft and fraud, the Interface Module is a great way of quickly settling cash back complaints and missing items without suffering additional losses to the benefit of the customer.

The Advanced POS Interface Module will provide small, medium and large retail organisations with the time saving and powerful capability of linking valuable POS evidence directly to your recorded CCTV footage.

DVR ACCESSORIES

ACCESSORISE YOUR DVR

| Model Code | Description |
|----------------------------------|--|
| KEYBOARDS & IR REMOTE | |
| DM/KBS3A | Keyboard for Digital Sprite Range |
| DM/KBC1 | Touch Keyboard for SD and DV-IP Range |
| DM/KBC2 | Joystick Keyboard for SD and DV-IP Range |
| DM/RC06 | Additional IR Remote |
| DM/KBC/ACC | Remote Keyboard for SD and DV-IP Range |
| VSI 6 VIDEO SWITCHER | |
| DM/CX02/16/16GB | 485-Bus Video switcher 16 inputs x 16 outputs Switches Main and/or Spot Monitors for multiple 485-Bus unit network |
| 485 - BS ANCILLARIES | |
| DM/CI01/16 | Remote Alarm Module |
| DM/CI02/16 | Relay Output Module |
| DM/CC01A | 485-bus - RS232 to 485-bus interface module |
| M/CC05 | RS232 to 485-bus telemetry adapter - converts ASCII DTMF telemetry codes (ONLY TO UNIT 1) of DS2/BX2 on 485-bus |
| DM/CC0232A | Converts DM 485-bus to RS232 for use over fibre or Ethernet interfaces. Requires two adapters, one at each end. |
| DM/SA-RC05 | IR Remote Control - DS2/BX2 (Works with ECO Range when used with DM/IR01) |
| DM/CJ01 | Junction box 485-Bus ancillary |
| VC-230/09VDC-GB | Junction box 485-Bus ancillary power supply 12Vdc |



ADVANCED DIGITAL RECORDING FOR TRANSPORTATION

Transportation environments can often prove harsh for electronic equipment, with exposure to repetitive shocks and vibration proving too much for some electronic systems. Specifically designed for public and commercial transport applications and encased in a ruggedised metal chassis, the TransVu unit can withstand this tough environment to provide uninterrupted in-vehicle security surveillance.

Alongside traditional DVR features such as alarm, and audio recording, the TransVu unit incorporates features specifically developed for the transportation market. Location tracking via GPS, a built-in accelerometer, intelligent power management integration with vehicle system data (such as brakes, indicators, tachometer), and a driver panic button all enhance the functionality of this mobile DVR.

TransVu Media brings a new dimension to vehicle security. Utilising additional monitor outputs from the TransVu unit, advertising or route information can be shown to commuters. Messaging can be fed through the monitors as a result of predetermined events and conditions triggering location specific information or a range of images that are pre-loaded on the TransVu unit itself for a controlled stream of advertising. For the customer this provides an additional benefit, by utilising the unit as a source of revenue the security solution pays for itself. New media can be automatically uploaded on a daily basis if required.

The TransVu digital recorder can provide a long, trouble free service in high vibration environments making it one of the most powerful transit surveillance tools available today.



TransVu

- ✓ 8 or 16 camera inputs
- ✓ Low power consumption
- ✓ Fixed and removable hard drive options available
- ✓ Media support via additional monitor output
- ✓ Accelerometer providing g-force measurements
- ✓ Ignition control power management
- ✓ Heater option available for extreme cold climates
- ✓ Video motion detection
- ✓ Location tracking via GPS
- ✓ Image transmission on alarm
- ✓ GSM/SMS/GPRS/UMTS(3G)/HSDPA/HSCSD support
- ✓ Solid State hard drive variants available

| Model Code | Description |
|--|---|
| TRANSVU, 8 INPUTS, 50PPS | |
| DM/TRVIB080/08 | TransVu Mobile DVR, 50PPS, 80Gb, MPEG4, JPEG |
| DM/TRVIB160/08 | TransVu Mobile DVR, 50PPS, 120Gb, MPEG4, JPEG |
| DM/TRVIB240/08 | TransVu Mobile DVR, 50PPS, 240Gb, MPEG4, JPEG |
| TRANSVU, 8 INPUTS, 50PPS, HEATER | |
| DM/TRVIB080H08 | TransVu Mobile DVR, 50PPS, 80Gb, Heater, MPEG4, JPEG |
| DM/TRVIB160H08 | TransVu Mobile DVR, 50PPS, 120Gb, Heater, MPEG4, JPEG |
| DM/TRVIB240H08 | TransVu Mobile DVR, 50PPS, 240Gb, Heater, MPEG4, JPEG |
| TRANSVU, 8 INPUTS, 50PPS, REMOVABLE HDD | |
| DM/TRVIB080R08 | TransVu Mobile DVR, 50PPS, 80Gb removable, MPEG4, JPEG |
| DM/TRVIB120R08 | TransVu Mobile DVR, 50PPS, 120Gb removable, MPEG4, JPEG |
| TRANSVU MEDIA | |
| DM/TRVIB080RM8 | TransVu Media, Mobile DVR, 50PPS, 80Gb, MPEG4, JPEG |
| DM/TRVIB120RM8 | TransVu Media, Mobile DVR, 50PPS, 120Gb, MPEG4 & JPEG |

TRANSVU EXPRESS

COMPACT DIGITAL RECORDING FOR TRANSPORTATION



TransVu
EXPRESS

- ✓ 4 or 8 Video inputs
- ✓ MJPEG and MPEG4 recording options
- ✓ Developed specifically for transport applications
- ✓ Simultaneous MPEG-4 transmission whilst recording in MJPEG
- ✓ Ruggedised design with aerospace standard anti-vibration mounts
- ✓ **MultiMode** Recording - Dynamically-switchable resolution, record-rate & compression (MPEG4/ MJPEG) per camera
- ✓ Intelligent power management based on ignition and supply voltage sense
- ✓ Two audio inputs, Three alarm inputs
- ✓ Storage on fixed or removable HDD, Compact Flash or SD Card (specified at time of order)
- ✓ HDD versions come with anti-vibration mounts as standard
- ✓ Rugged, environmentally robust housing and connector
- ✓ Monitor output provides spot or main monitor functionality

Transportation environments can often prove harsh for electronic equipment, with exposure to repetitive shocks and vibration proving too much for some systems.

Specifically designed for public and commercial transport applications and encased in a ruggedised metal chassis, the TransVu Express unit can withstand this tough environment to provide uninterrupted in-vehicle security surveillance.

Small, light and robust, with low power consumption, the TransVu Express is ideal in space restricted situations where the application demands resilience from the product.

The TransVu Express digital recorder can provide a long, trouble free service in high vibration environments making it one of the most powerful transit surveillance tools available today.



| Model Code | Description |
|---|--|
| TRANSVU SPARES & ACCESSORIES | |
| DM/MP01/TRV | Anti vibration mounting base plate |
| DM/SHK01/TRV | Anti vibration rubber shock absorber kit(4 pieces) |
| DM/CN01/TRV | Automotive multi-way connector |
| DM/PS/TRV | TransVu usb/1394 Playback station |
| DM/CDY/TRV | Replacement internal 2.5in drive caddy enclosure |
| DM/CDY/080/TRV | 80GB HDD and 2.5in drive caddy |
| DM/CDY/120/TRV | 120GB HDD and 2.5in drive caddy |
| DM/HARN2/TRV | Wiring Harness for TransVu |
| DM/LEDSB/TRV/E | TransVu LED status box English text |

ICE CAMERAS RANGE

VERSATILE EASY TO USE CAMERAS

DEDICATED MICROS

ice



In September of 2007, AD Group - the parent company of Dedicated Micros - concluded a deal with the administrators of Baxall Limited, to ensure the ongoing supply of the Baxall ICE range of mini-domes and cameras.

| Model Code | Description |
|---|--|
| ICE BOX CAMERAS | |
| 1/3" MONO CAMERAS | |
| DM/ICE-B3H/M | 1/3" CCD , 0.07 lux , 580TVL,BLC mains voltage |
| DM/ICE-B3H/L | 1/3" CCD , 0.07 lux , 580TVL,BLC low voltage |
| 1/3" COLOUR CAMERAS | |
| DM/ICE-CM3H/M | 1/3" CCD , 0.7 lux , 480TVL,BLC mains voltage |
| DM/ICE-CM3H/L | 1/3" CCD , 0.7 lux , 480TVL,BLC low voltage |
| DM/ICE-CM3U/M | 1/3" CCD , 0.7 lux , 540TVL,BLC mains voltage |
| DM/ICE-CM3U/L | 1/3" CCD , 0.7 lux , 540TVL,BLC low voltage |
| DM/ICE+CM3XUT/M | 1/3" CCD, 0.6 lux, 540TVL, fully featured, mains voltage, twisted pair O/P |
| DM/ICE+CM3XUT/L | 1/3" CCD, 0.6 lux, 540TVL, fully featured, low voltage, twisted pair O/P |
| 1/3" DAY / NIGHT MOVING FILTER CAMERAS | |
| DM/ICE-DN3U/M | 1/3" CCD, 0.4/0.1 lux, 540TVL,BLC, mains voltage |
| DM/ICE-DN3U/L | 1/3" CCD, 0.4/0.1 lux, 540TVL,BLC, low voltage |
| DM/ICE+DN3XUT/M | 1/3" CCD, 0.4/0.1 lux, 540TVL, fully featured |
| DM/ICE+DN3XUT/L | 1/3" CCD, 0.4/0.1 lux, 540TVL, fully featured, low voltage, twisted pair O/P |
| WIDE DYNAMIC RANGE CAMERA | |
| DM/ICE-HYPERD | 1/3" 480 TVL, Colour, Wide Dynamic Range, low voltage |
| 1/2" MONO CAMERAS | |
| DM/ICE-B2H/M | 1/2" CCD , 0.06 lux , 580TVL,BLC mains voltage |
| DM/ICE-B2H/L | 1/2" CCD , 0.06 lux , 580TVL,BLC low voltage |
| DM/ICE+B2XHT/M | 1/2" CCD, 0.03 lux, 580TVL,BLC,PWI, mains voltage, twisted pair O/P |
| DM/ICE+B2XHT/L | 1/2" CCD, 0.03 lux, 580TVL,BLC,PWI, low voltage, twisted pair O/P |
| 1/2" COLOUR CAMERAS | |
| DM/ICE-CM2UAT/M | 1/2" CCD , 0.6 lux , 540TVL,BLC, mains voltage, twisted pair O/P |
| DM/ICE-CM2UAT/L | 1/2" , 0.6 lux , 540TVL,BLC, low voltage, twisted pair O/P |
| DM/ICE+CM2XUT/M | 1/2" CCD, 0.3 lux, 540TVL, fully featured, mains voltage |
| DM/ICE+CM2XUT/L | 1/2" CCD, 0.3 lux, 540TVL,FULLY FEATURED, LOW VOLTAGE |
| DUMMY CAMERA | |
| DM/ICE-DUM | Dummy camera c/w lens |
| ICE PIC PACKAGES | |
| DM/PIC-DNU312/M | Housing day / night ultra res camera 3-12mm aspherical DD IR corrected lens 230V + 3m cables |
| DM/PIC-DNU312/L | Housing day / night ultra res camera 3-12mm aspherical DD IR corrected lens 24V + 3m cables |
| DM/PIC-DNU750/M | Housing day / night ultra res camera 7.5-50mm aspherical DD IR corrected lens 230V + 3m cables |
| DM/PIC-DNU750/L | Housing day / night ultra res camera 7.5-50mm aspherical DD IR corrected lens 24V + 3m cables |
| DM/PIC-HYD312/L | Housing with bracket, HyperD camera, 3-12mm aspherical DD IR corrected lens, 24V + 3m cables |
| DM-PIC-HYD750/L | Housing with bracket, HyperD camera, 7.5-50mm aspherical DD IR corrected lens, 24V + 3m cables |

ICE DOME RANGE

HIGH RESOLUTIONS, FIXED MINI-DOME CAMERAS

Now available through Dedicated Micros, the Ice Range of cameras and mini-domes include; a range of mono, colour/mono and day/night cameras and domes, the award winning ICED-HyperDome which is perfect for high contrast daylight/interior scenes, a new Vandal Resistant Dome range and the high resolution ICE and ICE+ Camera Range that includes mains and low voltage units.

- ✓ Fixed indoor / outdoor mini-domes, and static cameras
- ✓ Comprehensive range of colour, mono, colour/mono and day/night models
- ✓ Easy to install and use, with a selection of mounting options
- ✓ 1/3" or 1/2" sensors with options up to 580TVL resolution
- ✓ Vandal resistant domes for the harshest environments
- ✓ HyperD technology for excellent pictures in difficult lighting



| Model Code | Description |
|--|---|
| ICE MINI DOMES | |
| MONO DOMES | |
| DM/ICED-BH39 | Ceiling/Surface Mount Internal Dome, Mono 570TVL, AI Lens , 3.8-9.5mm F1.2 |
| COLOUR DOMES | |
| DM/ICED-CMH39 | Ceiling/Surface Mount Internal Dome, 480TVL, AI Lens , 3.8-9.5mm F1.2 |
| DM/ICED-CMU39 | Ceiling/Surface Mount Internal Dome, 540TVL, AI Lens , 3.8-9.5mm F1.2 |
| DAY / NIGHT MOVING FILTER DOMES | |
| DM/ICED-DNU39 | Ceiling/Surface Mount Internal 540TVL, AI Lens, 3.6-9mm F1.6 |
| HYPERDOME | |
| DM/ICED-HYPER | Ceiling/Surface Mount Internal 480 TVL , AI Lens , 3.8-9.5mm F1.2 |
| ACCESSORIES | |
| DM/ICED-S | Smoked bubble for ICE Dome Series |
| DM/ICED-M | Mirrored bubble for ICE Dome |
| DM/ICED-DUM | Dummy ICE Dome Camera |
| DM/ICED-SERV | Service lead with BNC connection |
| DM/ICE-CAMKIT | Installer's tool kit for set up and focusing |
| VANDAL RESISTANT DOMES | |
| DM/ICEVC-BH39 | Ceiling Mount Vandal Resistant ,570TVL , AI lens 3.8-9.5mm F1.2 |
| DM/ICEVS-BH39 | Surface Mount Vandal Resistant ,570TVL , AI lens 3.8-9.5mm F1.2 IP66 |
| DM/ICEVS-OBH39 | Surface Mount Vandal Resistant ,570TVL , AI lens 3.8-9.5mm F1.2 - IP66 + Heater |
| DM/ICEVC-CMH39 | Ceiling Mount Vandal Resistant ,480TVL , AI lens 3.8-9.5mm F1.2 |
| DM/ICEVC-CMU39 | Ceiling Mount Vandal Resistant ,540TVL , AI lens 3.8-9.5mm F1.2 |
| DM/ICEVS-CMH39 | Surface Mount Vandal Resistant ,480TVL , AI lens 3.8-9.5mm F1.2 - IP66 |
| DM/ICEVS-OCMH39 | Surface Mount Vandal Resistant ,480TVL , AI lens 3.8-9.5mm F1.2 - IP66 + Heater |
| DM/ICEVS-OCMU39 | Surface Mount Vandal Resistant ,540TVL , AI lens 3.8-9.5mm F1.2 - IP66 + Heater |
| DM/ICEVC-DNU39 | Ceiling Mount Vandal Resistant ,540TVL , AI lens 3.6-9mm F1.6 |
| DM/ICEVS-DNU39 | Surface Mount Vandal Resistant ,540TVL , AI lens 3.6-9mm F1.6 - IP66 |
| DM/ICEVS-ODNU39 | Surface Mount Vandal Resistant ,540TVL , AI lens 3.6-9mm F1.6 - IP66 + Heater |
| DM/ICEVC-HYPER | Ceiling Mount Vandal Resistant ,480TVL , AI lens 3.8-9.5mm F1.2 |
| DM/ICEVS-HYPER | Surface Mount Vandal Resistant ,480TVL , AI lens 3.8-9.5mm F1.2 - IP66 |
| DM/ICEVS-OHYPER | Surface Mount Vandal Resistant ,480TVL , AI lens 3.8-9.5mm F1.2 - IP66 + Heater |

CAMVu2000

HIGH DEFINITION IMAGE CAPTURE

Offering up to 6 times the resolution of analogue cameras, the DM CamVu2000 Camera is ideal for situations where high resolution, high quality images are required. The camera's high resolution technology is based on Dedicated Micros award winning NetVu Connected architecture, allowing seamless operation and deep integration with a wide range of DVR's and other devices as well as simplified integration into large-scale systems.

The unique Dedicated Micros soft codec technology allows the CamVu2000 Camera to transmit simultaneous MPEG-4 and JPEG images to the associated DVR for image capture. This flexibility allows users to record high quality images for evidence and watch streamed video at the same time. An integrated Pre-Alarm feature within the camera allows moments before the event to be captured.



Ideal for applications such as public space monitoring, retail or banking installations, the CamVu Camera can be housed internally or externally (via an external camera housing) to cover a wide field of view. Its web configuration pages allow the installer to adjust the cameras features over the network without the need to return to the site whilst its DCCP (Dynamic Camera Configuration Protocol ITM) feature allows the camera to quickly connect to a recognised video server on the same part of the network.

Its high resolution image definition is complimented by the CamVu2000 Cameras ability to seamlessly blend into an existing CCTV installation; making this the ideal choice for capturing high quality, high resolution images.



- ✓ 2-mega pixel image capture – over 6 times the resolution of analogue cameras
- ✓ Maximum resolution of 1600x1200 pixels
- ✓ Simultaneous JPEG and MPEG-4 delivery for viewing and recording
- ✓ High resolution images can be recorded by NetVu Connected DV-IP RT and HighVu Excel products.
- ✓ C/CS Mount for high resolution/megapixel 1/3" lens
- ✓ Webserver for remote configuration of camera features
- ✓ **MultiMode** recording configured by NetVu Connected DVRs and servers. Non alarm, alarm and static profiles supported in JPEG and MPEG-4
- ✓ Support via NetVu ObserVer viewer software allows up to 800% zoom.
- ✓ Pre-Alarm recording via internal memory or expandable via SD Card slot*
- ✓ Power over Ethernet option

* Available in future release

| Model Code | Description |
|------------------|---|
| CAMVU2000 | |
| DM/CMVU2000A | 2 Mega pixel IP camera, MPEG/JPEG, Serial, Audio, 12Vdc/POE |
| DM/CMVU2000D | 2 Mega pixel IP camera, MPEG/JPEG, Serial, Audio, 12Vdc/24Vac |
| DM/LEN-M13VM308 | Megapixel lens 1/3" 3-8mm F1.0 manual iris |

HYPERSENSE CAMERA SOLUTIONS

ANPR OPTIMISED CAMERAS

Dedicated Micros HyperSense Technology has been used in a range of Automatic Number Plate Recognition (ANPR) Optimised cameras to capture and record vehicle licence plates.

Available in both analogue and IP models, Dedicated Micros unique HyperSense technology removes ambient light from the scene leaving only the objects that strongly reflect the IR light emitted by the integrated IR LED array to be displayed.

Ideal for deployment in a range of applications including Petrol Forecourt monitoring and Car Park Barrier control, the range includes dedicated ANPR cameras, designed to capture the plate detail of passing vehicles, and combined ANPR / Overview cameras, to associate colour images of the vehicles with their number plates.



MAIN FEATURES

- ✓ Extruded aluminium housing, Weatherproof to IP66
- ✓ Integral LED array, 850nm pulse synchronised with camera

ANPR CAMERA FEATURES

- ✓ 18-50mm lens with fixed F1.6 aperture
- ✓ 1/3" sensor
- ✓ Sensitivity 0 lux
- ✓ Resolution 480TVL
- ✓ 850nm IR pass filter
- ✓ DSP ambient light rejection

OVERVIEW CAMERA FEATURES

- ✓ 18-50mm F1.6 lens with auto-iris and removable IR cut filter
- ✓ 1/3" sensor
- ✓ Sensitivity 1.0 / 0.15lux (40 IRE)
- ✓ Resolution 540TVL
- ✓ Shutter speed 1/1000s



HYPER-SENSE

| Model Code | Description |
|--------------------|--|
| ANPR CAMERA | |
| DM/PR 1850 | ANPR camera 18-50mm 24vac |
| DM/PR 1850 D | ANPR + overview cameras 18-50mm 24vac |
| DM/CMVU-PR1850 | Intelligent ANPR camera 18-50mm 12vdc / 24vac /POE includes software license |
| DM/CMVU-PR1850 D | Intelligent ANPR + overview cameras 18-50mm 12vdc / 24vac /POE includes software license |

ORACLE

NETVU CONNECTED PTZ DOME

Dedicated Micros new Oracle Series of Domes provide the user with unrivalled levels of integration into their CCTV system. Offering both indoor and outdoor models, the Oracle Series offers users flexibility with Day/Night and Colour only domes and optical zoom capabilities of up to 36x.

Users are able to take advantage of the units deep integration with the latest generation of DV-IP DVR's, enabling powerful features such as **Point&Go** and **Absolute Positioning*** to greatly enhance the users experience.

Compatible with existing 2060/2040 bracketry and accessories, the Oracle Series can easily fit into existing installations with minimal installation required.

- ✓ Indoor / Outdoor model variants
- ✓ 18x & 36x zoom options
- ✓ Day/Night & Colour variants
- ✓ Pre-wired 3m of composite cable included
- ✓ Compatible with 2060 & 2040 bracketry
- ✓ DM UTC or RS485 telemetry
- ✓ Conduct **Point&Go** Telemetry control of your Oracle Dome through Dedicated Micros next generation DV-IP products *
- ✓ Use **Absolute Positioning** to allow an operator to, with one mouse click, select a camera and send it to view an area of the site (Pan and tilt)
- ✓ 4 Year Warranty

*(see page 9 for more information on **Point&Go** and **Absolute Positioning**)



| Model Code | Description |
|--------------------|---|
| ORACLE | |
| DM/WSD/18C 230 | Weatherproof compact speed dome 18x colour, clear hemi, analogue video, IP66, DM UTC or RS485, pre-wired 3m composite cable, 230V PSU & termination unit. |
| DM/WSD/18CM 230 | Weatherproof compact speed dome 18x day / night, clear hemi, analogue video, IP66, DM UTC or RS485, local alarms, pre-wired 3m composite cable, 230V PSU & termination unit |
| DM/WSD/36CM 230 | Weatherproof compact speed dome 36x day / night, clear hemi, analogue video, IP66, DM UTC or RS485, local alarms, pre-wired 3m composite cable, 230V PSU & termination unit |
| DM/CSD/18C | Indoor Compact speed dome 18x colour, smoked hemi, analogue video, DM UTC or RS485, local alarms, 24V input |
| ACCESSORIES | |
| DM/94012 | PSU for DM/CSD/18C (indoor Oracle Dome), 230V to 24Vac @ 1A |
| DM/CSD/TMR | Tile mount ring for DM/CSD/18C (indoor Oracle dome) |
| DM/WSD/PSU | Replacement weatherproof dome PSU, 230V to 24Vac @ 2A |

All Oracle Domes can use the same Brackets as the 2060 Dome

2040

PAN & TILT INDOOR DOME

The 2040 is a robust, cost effective and compact surveillance dome camera solution designed for the indoor environment. It is quick and simple to install, and comes in two formats suitable either for tile mount or ceiling pendant mounting.

A high quality mechanism, combined with injection moulded optical quality polycarbonate hemisphere and Sony 18x optical zoom colour camera modules with dynamic privacy masking, enables 2040 users to monitor and record high quality images whilst complying with privacy and data protection legislation.

Using on-screen display menus currently available in 12 languages simplifies configuration and accessing features for authorised users, whilst PIN coding protects against unauthorised access.

The 2040 dome comes complete with DM / BBV / Baxall up-the-coax and multi-protocol RS485 telemetry making it compatible with industry standard control equipment and suitable for both new installations as well as system camera upgrades.



- ✓ Optically correct impact resistant hemisphere
- ✓ Sensitive Sony colour camera
- ✓ 24 privacy zones (up to 8 displayed at one time)
- ✓ 18x optical zoom with 4x digital zoom
- ✓ Video lift and gain adjustments
- ✓ Robust die cast internal mechanism with camera movement
- ✓ 2 year warranty
- ✓ Tile and wall or pendant mounting versions
- ✓ Compatible with DM/2060 bracketry
- ✓ Innovative quick release mechanism to assist with installation
- ✓ Coax & RS485 control, with multi-protocol support
- ✓ Multi-language options

| Model Code | Description |
|---|---|
| 2040 P&T INDOOR DOME | |
| DM/2040-204 | 6" Indoor Pendant Mounted 18-1 Colour inc 24Vac PSU, Smoked Dome for 485 or BBV & Baxall UTC Control (English/Dutch/ Italian/French) |
| DM/2040-204E | 6" Indoor Pendant Mounted 18-1 Colour inc 24Vac PSU, Smoked Dome for 485 or BBV & Baxall UTC Control (English/Spanish/ Czech/Croatian) |
| DM/2040-204N | 6" Indoor Pendant Mounted 18-1 Colour inc 24Vac PSU, Smoked Dome for 485 or BBV & Baxall UTC Control (English/German/ Swedish/Danish/Finnish) |
| DM/2040-206 | 6" Indoor Tile Mounted 18-1 Colour inc 24Vac PSU, Smoked Dome for 485 or BBV & Baxall UTC Control (English/Dutch/ Italian/French) |
| DM/2040-206E | 6" Indoor Tile Mounted 18-1 Colour inc 24Vac PSU, Smoked Dome for 485 or BBV & Baxall UTC Control (English/Spanish/ Czech/Croatian) |
| DM/2040-206N | 6" Indoor Tile Mounted 18-1 Colour inc 24Vac PSU, Smoked Dome for 485 or BBV & Baxall UTC Control (English/German/ Swedish/Danish/Finnish) |
| DM/2040-256 | 6" Indoor Tile Mounted 18-1 Colour inc 24Vac PSU, Clear Dome for 485 or BBV & Baxall UTC Control (English/Dutch/ Italian/French) |
| 2040 P&T INDOOR DOME | |
| DM/94012 | Power supply unit for 2040 Dome (UK) |
| DM/94013 | Power supply unit for 2040 Dome (Europe) |
| DM/95075 | Hemisphere Smoked Dome, for tile mount 2040 |
| DM/95094 | Hemisphere Clear Dome, Tile Mount for 2040 |
| DM/95095 | Hemisphere Smoked Dome for pendant mount 2040 |
| DM/95096 | Hemisphere Clear Dome |
| 2040 is also compatible with the 2060 range of brackets and mounts | |

2060

PREMIER PRECISION SURVEILLANCE DOME

The combination of an aluminium pressure die cast outer body parts and impact resistant polycarbonate hemisphere makes the 2060 highly durable for use in a wide range of outdoor and indoor environments as well as being resilient to vandalism.

A high quality mechanism, combined with injection moulded optical quality hemisphere, and Sony 18x and 36x optical zoom colour / mono camera modules with dynamic privacy masking, enables 2060 users to monitor and record high quality images whilst complying with privacy and data protection legislation. Using on-screen display menus currently available in 12 languages simplifies configuration and accessing features for authorised users, whilst PIN coding protects against unauthorised access. The 2060 dome comes complete with DM / BBV, Pelco and Baxall up-the-coax and multi-protocol RS485 telemetry making it compatible with industry standard control equipment and suitable for new installations as well as system camera upgrades.



- ✓ Optically correct hemisphere
- ✓ Vandal resistant hemisphere and housing
- ✓ Robust die-cast internal mechanism
- ✓ x18 and x36 optical zoom options
- ✓ Programmable fixed shutter speeds
- ✓ Colour / mono camera options for low light applications
- ✓ 24 privacy zones (8 displayed at one time)
- ✓ Video lift and gain adjustments
- ✓ Quick mount release
- ✓ Advanced privacy patches, preset positions and tour facilities
- ✓ Clock & calendar functions for independent alarm masking
- ✓ Coax & multi-protocol RS485 control (UTC: BBV, Baxall, RS485: Dennard, Pelco P, Bosch, Ultrak)
- ✓ Multi-language options
- ✓ 4 Year Warranty



| Model Code | Description |
|--|--|
| 2060 P&T INDOOR DOME (18X OPTICAL ZOOM, COLOUR, SMOKED DOME) | |
| DM/2060-200 | 6" Indoor 18-1 Colour 24Vac PSU Smoked Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) |
| 2060 P&T OUTDOOR DOME (18X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME) | |
| DM/2060-201 | 6" Outdoor 18-1 Day/Night 24Vac PSU Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) |
| 2060 P&T INDOOR DOME (18X OPTICAL ZOOM, COLOUR, SMOKED DOME, DRX CARD) | |
| DM/2060-202 | 6" Indoor 18-1 Colour 24Vac PSU Smoked Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc DRX Card with 4 alarms |
| 2060 P&T OUTDOOR DOME (18X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME, DRX CARD) | |
| DM/2060-203 | 6" Outdoor 18-1 Day/Night 24Vac PSU Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc DRX Card with 4 alarms |
| 2060 P&T INDOOR DOME (18X OPTICAL ZOOM, COLOUR, SMOKED DOME, AL008 ALARM CARD) | |
| DM/2060-204 | 6" Indoor 18-1 Colour 24Vac PSU Smoked Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc AL008 Alarm Card |
| 2060 P&T OUTDOOR DOME (18X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME, AL008 ALARM CARD) | |
| DM/2060-205 | 6" Outdoor 18-1 Day/Night 24Vac PSU Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc AL008 Alarm Card |
| DM/2060-208 | 6" Outdoor 18-1 Fixed Attitude Day/Night Dome inc 24Vac PSU |

| Model Code | Description |
|--|--|
| 2060 P&T INDOOR DOME (18X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME, NO PSU) | |
| DM/2060-210 | 6" Indoor 18-I Day/Night Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) PSU Not Included |
| 2060 P&T OUTDOOR DOME (18X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME, NO PSU) | |
| DM/2060-211 | 6" Outdoor 18-I Day/Night Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) PSU Not Included |
| 2060 P&T OUTDOOR DOME (18X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME, NTSC, 110VAC) | |
| DM/2060-221 | 6" NTSC Outdoor 18-I Day/Night inc. 110Vac PSU Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) |
| DM/2060-231 | 6" NTSC Outdoor 18-I Day/Night Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) PSU Not Included |
| 2060 P&T OUTDOOR DOME (18X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME, PAINTED BLACK) | |
| DM/2060-283 | 6" Outdoor 18-I Day/Night inc. 24Vac PSU Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) – Painted Black |
| 2060 P&T OUTDOOR DOME (36X OPTICAL ZOOM, COLOUR, CLEAR DOME) | |
| DM/2060-241 | 6" Indoor 36-I Colour 24Vac PSU Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) |
| 2060 P&T OUTDOOR DOME (36X OPTICAL ZOOM, DAY/NIGHT, CLEAR DOME, AL008 ALARM CARD) | |
| DM/2060-245 | 6" Outdoor 36-I Day/Night 24Vac PSU Clear Dome for 485 or BBV and Baxall UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc AL008 Alarm Card |
| DM/2060-248 | 6" Outdoor 36-I Fixed Attitude Day/Night Clear Dome inc 24Vac PSU |
| 2060 P&T DOME, DUMMY VERSION | |
| DM/2060-006 | 6" Indoor / Outdoor Dummy Dome with wall bracket |
| 2060 P&T DOME BRACKETS AND ACCESSORIES | |
| DM/95055 | 230 to 24Vac PSU |
| DM/95053 | 230 to 24Vac PSU with 4 alarms, 1 relay |
| DM/95057 | 230 to 24Vac PSU with 8 alarms, 1 relay |
| DM/90001 | Tile Mount |
| DM/90002 | Wall / Pendant Mount |
| DM/90046 | Pendant Mount – 150mm |
| DM/90003 | Pendant Mount – 250mm |
| DM/90012 | Pendant Mount – 500mm |
| DM/90013 | Pendant Mount – 1000mm |
| DM/90014 | Pendant Mount – 1500mm |
| DM/90004 | Snowdrop Mount |
| DM/90025 | Snowdrop Mount - Black |
| DM/90005 | Vintage Style Wall Mount - Black |
| DM/90006 | Ceiling Mount Plate |
| DM/90007 | Corner Bracket to convert existing wall bracket |
| DM/90008 | Extend Corner Bracket |
| DM/90009 | Extend Wall Mount |
| DM/90010 | Rain Shield Standard White |
| DM/90043 | Rain Shield Black |
| DM/94002 | 2060 3-Metre I/F lead (Power, RS485 data & video) |
| DM/94003 | 2060 10-Metre I/F lead (Power, RS485 data & video) |
| DM/94004 | 2060 20-Metre I/F lead (Power, RS485 data & video) |
| DM/95058 | Spare 2060 Hemisphere Assembly Smoked |
| DM/95059 | Spare 2060 Hemisphere Assembly Silver |
| DM/95085 | Spare 2060 Hemisphere Assembly Clear |
| DM/94016 | Demo case including mounting bracket and power supply for 2040/2060 Dome |
| DM/94038 | 2060 White plastic sunshield |
| DM/94087 | Desk bracket for demonstrating 2040/2060/Oracle domes |

IP DOMES

NetVu CONNECTED IP SURVEILLANCE DOMES

The 2040 and 2060 IP Domes are compatible with all NetVu connected products, making them part of a complete networked video management system. As well as providing a complete solution for viewing and controlling DM domes over IP in new installations, existing z2040 or 2060 domes can be upgraded to IP by fitting a new PSU with integrated DM DV-IP Encoder. This versatility allows a CCTV solution to expand and adapt organically without the cost and trouble of completely replacing and redesigning the installation.

Its integrated **MultiMode*** recording profiles can be set to give the user the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically across normal and alarm modes. Day, night and weekend schedules are also supported.

The combination of an aluminium pressure die cast outer body parts and impact resistant and polycarbonate hemisphere makes the 2060 highly durable for use in a wide range of outdoor and indoor environments as well as being resilient to vandalism. The 2040 is a robust, cost effective and compact surveillance dome camera solution designed for the indoor environment. It is quick and simple to install, and comes in two formats suitable either for tile mount, or wall bracket / ceiling pendant mounting.

Dome users to monitor and record high quality images whilst complying with privacy and data protection legislation. Provision of tamper-proof alarm inputs* and bi-directional audio* make the domes compatible with BS8418 Remotely Monitored Detector Activated CCTV Systems.

- ✓ Indoor (2040) and ruggedised weatherproof outdoor (2060) versions
- ✓ Optically correct, impact resistant hemispheres
- ✓ 18x or 36x optical zoom; 12x digital zoom. (18x, 36x on 2060; 18x optical, 4x digital on 2040)
- ✓ Sensitive colour cameras with colour / mono options for low light applications
- ✓ 24 privacy zones (up to 8 displayed at one time)
- ✓ Robust die cast internal mechanisms with camera movement from 0.05°/sec to 300°/sec
- ✓ Comprehensive mounting options including tile and wall or pendant mounting versions
- ✓ Optimised compatibility with Dedicated Micros controllers

- ✓ Multi-language options
- ✓ JPEG/MPEG-4 simultaneous video compression
- ✓ Up to 25PPS (PAL), 30PPS (NTSC) record rate
- ✓ QCIF, CIF, 2CIF, 4CIF Resolution support
- ✓ Dennard serial telemetry support for dome control over IP
- ✓ QCIF, CIF, 2CIF, 4CIF Resolution support
- ✓ Embedded web pages for basic configuration
- ✓ Fully compatible with NetVu ObserVer
- ✓ **MultiMode** Recording support
- ✓ SDK available for project customization

*Available in future releases

| Model Code | Description |
|----------------|-----------------|
| IP DOME | |
| DM/94081 | IP Power Supply |

Recommended 2060 Domes for use with the IP Power Supply:

- ✓ 2060-210 18x Indoor Colour 24Vac
- ✓ 2060-211 18x Outdoor Colour/mono 24Vac
- ✓ 2060-251 36x Outdoor Colour/mono 24Vac



285 CEILING HOUSING



- ✓ All steel construction
- ✓ Powder coated and stoved finish
- ✓ 3 axis adjustment for the camera
- ✓ Internal connection via fused terminal block
- ✓ Cable entry through base or rear
- ✓ Hinge down cover for easy access
- ✓ Environmental protection BSEN 60529 level IP40

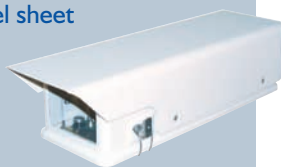
The type 285 ceiling housings is an all steel vandal resistant enclosure, with rear hinge and front key lock. The camera and lens can be adjusted in all three axes.

Z

| Short Order Code | Description |
|----------------------------|--|
| 285 CEILING HOUSING | |
| DM/285 | Ceiling Housing – Small, 335x145x145mm LWH |

506 EXTERNAL CAMERA HOUSING

- ✓ Constructed from pretreated steel sheet
- ✓ Finish: powder coated & stoved
- ✓ Three latch cover retention
- ✓ Window heater
- ✓ Stainless steel fixings
- ✓ Weatherproof - BS.EN 60529 Level IP65
(no water ingress)
- ✓ Horizontal and vertical camera platform adjustment



The 506 housing is specifically designed to accommodate a range of CCD cameras. The enclosure incorporates a removable top cover for camera access, similar to our 515 housing.

Units are constructed from pretreated steel sheet, powder coated and stoved. The standard specification includes a heater, two cable glands, adjustable camera platform and stainless steel fixings throughout. Environmental protection is to IP65.

| Model Code | Description |
|--------------------------------|---|
| 506 CAMERA HOUSING | |
| DM/506-600 | Plated and painted external camera housing for 12V to 24V operation, IP65, 406x129x84mm (LWH) |
| DM/506-701 | Plated and painted external camera housing for 110V to 230V operation, IP65, 406x129x84mm (LWH) |
| 506 HOUSING ACCESSORIES | |
| DM/94071 | Windscreen Wiper 24V |
| DM/94070 | Windscreen Wiper 110V |
| DM/94069 | Windscreen Wiper 230V |
| DM/94050 | Additional Heater 12V – 24V |
| DM/94051 | Additional Heater 110V – 230V |
| DM/94049 | Fan Accessory Kit 12V – 24V |
| DM/94048 | Fan Accessory Kit 110V |
| DM/94047 | Fan Accessory Kit 230V |
| DM/94052 | Anti Tamper Switch |
| DM/94074 | 5 Litre windscreen Washer 24VAC |
| DM/94073 | 5 Litre windscreen Washer 110VAC |
| DM/94072 | 5 Litre windscreen Washer 230VAC |
| DM/94077 | 25 Litre windscreen Washer 24VAC |
| DM/94076 | 25 Litre windscreen Washer 110VAC |
| DM/94075 | 25 Litre windscreen Washer 230VAC |
| A017 | Wiper Gasket |
| DM/94005 | Replacement Heater Assembly 12V-24V |
| DM/94006 | Replacement Heater Assembly 110V-230V |
| DM/94026 | Internal 230V Fan |
| DM/95045 | Wiper Arm Assembly |
| H003 | Wiper Blade |
| M093 | Wiper Motor 230V |

508

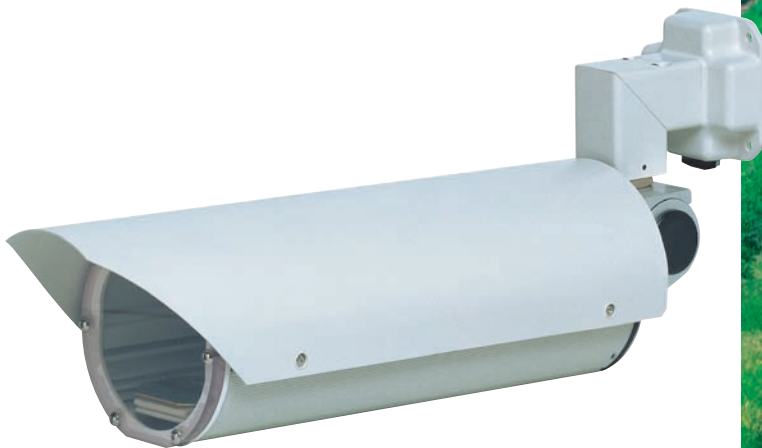
CAMERA HOUSING

The 508 housing is a stylish, weatherproof, fixed attitude, vandal resistant enclosure, designed to accommodate a wide range of CCD cameras.

The housing design incorporates its own universal hidden cable bracket with built-in locking teeth. All fixings are stainless steel button head socket screws and the window is polycarbonate which adds up to total protection. To simplify set-up and maintenance the extruded aluminum body with sunshield can slide forward and hang from the front of the camera platform. A heater and fused mains input terminal block are standard features.

- ✓ Constructed from aluminium alloy
- ✓ Finish: powder coated & stoved
- ✓ Vandal resistant
- ✓ Window heater
- ✓ Hidden cable bracket
- ✓ Wall or ceiling mounting
- ✓ Fully cable managed
- ✓ Slide and hang operation for ease of installation & maintenance
- ✓ Weatherproof.- BS.EN 60529 Level IP66 (no water ingress)

| Model Code | Description |
|--------------------------------|---|
| 508 CAMERA HOUSING | |
| DM/508-600 | Extruded camera housing with wall bracket for 12V to 24V operation, IP66, 260x84x84mm (LWH) |
| DM/508-701 | Extruded camera housing with wall bracket for 110V to 230V operation, IP66, 260x84x84mm (LWH) |
| 508 HOUSING ACCESSORIES | |
| DM/94053 | Anti Tamper Switch |
| DM/94005 | Replacement Heater Assembly 12V-24V |
| DM/94006 | Replacement Heater Assembly 110V-230V |
| H146 | Spare Window |



515, 516, 517

CAMERA HOUSING

The 515, 516, 517 range of environmental camera housings are designed to accommodate a wide range of camera /lens combinations and to provide protection to BS.EN 60529 Level IP 65 (no water ingress). Insulated camera platforms with longitudinal adjustment are supplied as standard, plus window heater, thermostat, three cable glands and full sunshield. The housings are constructed from aluminum alloy, powder coated and stoved with stainless steel fixings.



- ✓ A range of accessories available
- ✓ Constructed from aluminum alloy sheet
- ✓ Powder coated and stoved
- ✓ Window heater and thermostat
- ✓ Available voltages - 230V, 110V, and 24V
- ✓ Weatherproof to BS.EN 60529 level IP65 (no water ingress)
- ✓ Horizontally adjustable insulated camera platform
- ✓ Suitable for use in coastal applications

| Model Code | Description |
|---|--|
| 515 CAMERA HOUSING | |
| DM/515-200 | Aluminium sheet metal housing, 24V, IP65, 440x135x125mm LWH |
| DM/515-401 | Aluminium sheet metal housing, 110V, IP65, 440x135x125mm LWH |
| DM/515-502 | Aluminium sheet metal housing, 230V, IP65, 440x135x125mm LWH |
| 516 CAMERA HOUSING | |
| DM/516-200 | Aluminium sheet metal housing, 24V, IP65, 485x160x155mm LWH |
| DM/516-401 | Aluminium sheet metal housing, 110V, IP65, 485x160x155mm LWH |
| DM/516-502 | Aluminium sheet metal housing, 230V, IP65, 485x160x155mm LWH |
| 517 CAMERA HOUSING | |
| DM/517-200 | Aluminium sheet metal housing, 24V, IP65, 560x190x183mm LWH |
| DM/517-502 | Aluminium sheet metal housing, 240V, IP65, 560x190x183mm LWH |
| 515 / 516 / 517 COMMON ACCESSORIES | |
| DM/94074 | 5 Litre windscreen Washer 24VAC |
| DM/94072 | 5 Litre windscreen Washer 230VAC |
| DM/94077 | 25 Litre windscreen Washer 24VAC |
| DM/94075 | 25 Litre windscreen Washer 230VAC |
| A017 | Wiper Gasket |
| H003 | Wiper Blade |
| M093 | Wiper Motor 230V |
| 515 / 516 HOUSING ACCESSORIES | |
| DM/94057 | Anti Tamper Switch |
| DM/94058 | Keylock |
| DM/94064 | Additional Heater Assembly 24V |
| DM/94062 | Additional Heater Assembly 230V |
| DM/94061 | Internal Fan Kit 24V |
| DM/94059 | Fan Kit 230V |
| DM/94063 | Heater Assembly 110V |
| DM/94060 | Fan Kit 110V |
| DM/94068 | Windscreen Wiper 24V |
| DM/94067 | Windscreen Wiper 110V |
| DM/94066 | Windscreen Wiper 230V |
| DM/94065 | Long Platform Option |
| DM/95047 | Wiper Arm Assembly |
| 517 HOUSING ACCESSORIES | |
| DM/94078 | Windscreen Wiper 24V |
| DM/94079 | Windscreen Wiper 230V |
| DM/95044 | Wiper Arm Assembly |

BRACKETS

COMPATIBLE MOUNTING SOLUTIONS FOR DM CAMERAS

Dedicated Micros offers a range of camera and mounting brackets to suit any application.

| Model Code | Description |
|--|---|
| CAMERA MOUNTING BRACKETS | |
| DM/433B | Small internal wall bracket for CCD Camera |
| WALL BRACKETS FOR CAMERA HOUSINGS | |
| DM/317 | Cast light duty wall mount for camera housings, max load 10kg |
| DM/317IRS | Cast light duty wall mount for camera housings with single IR lamp fitting, max load 10kg |
| DM/428 | Cast light duty wall mount for camera housings, max load 15kg |
| DM/428IRS | Cast light duty wall mount for camera housings with single IR lamp fitting, max load 15kg |
| DM/428IRD | Cast light duty wall mount for camera housings with dual IR lamp fitting, max load 15kg |
| DM/642 | Cast light duty wall mount for camera housings, max load 20kg |
| DM/642IRS | Cast light duty wall mount for camera housings with single IR lamp fitting, max load 20kg |
| DM/642IRD | Cast light duty wall mount for camera housings with dual IR lamp fitting, max load 20kg |
| WALL BRACKETS FOR PAN & TILT / HOUSING COMBINATIONS | |
| DM/436 | Heavy duty wall mount for Pan & Tilt units max load 20kg |
| DM/436/CB | Corner bracket attachment for 436 wall brackets |
| CEILING / PEDESTAL MOUNT BRACKETS | |
| DM/426-150mm | Medium duty ceiling / column spacer for Pan & Tilts (150mm) |
| DM/426-250mm | Medium duty ceiling / column spacer for Pan & Tilts (250mm) |
| DM/426-350mm | Medium duty ceiling / column spacer for Pan & Tilts (350mm) |
| DM/429-200mm | Medium duty column mounted swivel for housings (200mm) |
| SPECIAL BRACKETS & ADAPTORS | |
| DM/I60 | Mounting adaptor for 60mm-90mm diameter |
| DM/I65 | Mounting adaptor for 90mm-130mm diameter |
| DM/429HMP | Housing interface fitting to adapt 429 to ceiling mount |
| DM/2020-28 | Bracket to mount 2020 IR lamp to wall |

2010/2015

The DM 2010 and DM 2015 are designed to provide the installer with a quick, secure and reliable camera option for fixed and zoom cameras. Ideal for any application, the robust, IP66 rated die-cast Aluminum housing provides the camera with the necessary protection from a demanding environment.

The 2015 has been designed to provide all the features of the 2010, but the increased capacity makes it possible to incorporate a wider selection of zoom cameras. The optional wiper module adds increased functionality to meet the demands of a high specification installation.



- ✓ Robust IP66 rated enclosure
- ✓ Fully cable managed (2015 only)
- ✓ Demisting Heater fitted as standard
- ✓ Optional wiper module (2015 only)
- ✓ Robust die-cast Aluminum housing
- ✓ Multiple voltage option
- ✓ 2 year warranty
- ✓ Compatible with most camera options
- ✓ Alocrom, Powder coated and stoved finish
- ✓ Suitable for coastal applications

| Model Code | Description |
|---------------------------------|--|
| 2010 CAMERA HOUSING | |
| DM/2010-600 | Housing Supplied without wall bracket for 12V to 24V Operation, IP66, 310x93x80mm LWH |
| DM/2010-606 | Housing Supplied with wall bracket for 12V to 24V Operation, IP66, 310x93x80mm LWH |
| DM/2010-701 | Housing Supplied without wall bracket for 110V to 230V Operation, IP66, 310x93x80mm LWH |
| DM/2010-707 | Housing Supplied with wall bracket for 110V to 230V Operation, IP66, 310x93x80mm LWH |
| 2015 CAMERA HOUSING | |
| DM/2015-600 | Housing Supplied with heater, without wall bracket, for 12V to 24V Operation, IP66, 365x120x105mm LWH |
| DM/2015-606 | Housing Supplied with heater and wall bracket for 12V to 24V Operation, IP66, 365x120x105mm LWH |
| DM/2015-701 | Housing Supplied with heater, without wall bracket for 110V to 230V Operation, IP66, 365x120x105mm LWH |
| DM/2015-707 | Housing Supplied with heater and wall bracket for 110V to 230V Operation, IP66, 365x120x105mm LWH |
| 2010 HOUSING ACCESSORIES | |
| DM/94028 | Additional heater kit 12V-24V |
| DM/94027 | Additional heater kit 110V-230V |
| DM/94029 | Anti Tamper Switch |
| DM/94030 | Internal Fan Kit |
| DM/94039 | Anti Tamper Screws |
| DM/94043 | Right Angle bracket to mount 2010 housing and 2020 IR Lamp together |
| DM/94005 | Replacement Heater Assembly 12V-24V |
| DM/94006 | Replacement Heater Assembly 110V-230V |
| DM/90048 | Wall Bracket Assembly |
| DM/F055 | Replacement Lid Gasket 10m |
| 2015 HOUSING ACCESSORIES | |
| DM/94035 | Wiper Unit 24V |
| DM/94034 | Wiper Unit 110V |
| DM/94033 | Wiper Unit 230V |
| DM/94040 | Anti Tamper Switch |
| DM/94039 | Anti Tamper Screws |
| DM/94056 | Internal Fan Kit 12V DC |
| DM/94054 | Additional Heater Assembly 12V-24V |
| DM/94055 | Additional Heater Assembly 110V-230V |
| DM/94074 | 5 Litre windscreen Washer 24VAC |
| DM/94073 | 5 Litre windscreen Washer 110VAC |
| DM/94072 | 5 Litre windscreen Washer 230VAC |
| DM/94077 | 25 Litre windscreen Washer 24VAC |
| DM/94076 | 25 Litre windscreen Washer 110VAC |
| DM/94075 | 25 Litre windscreen Washer 230VAC |
| DM/94045 | IR Lamp fitting kit |
| DM/90032 | Wall Bracket Assembly |
| DM/94005 | Replacement Heater Assembly 12V-24V |
| DM/94006 | Replacement Heater Assembly 110V-230V |
| DM/95074 | Wiper Arm Assembly |
| DM/M093 | Wiper Motor 230V |
| DM/F055 | Replacement Lid Gasket 10m |

WASHER

COMPLETE WINDOW WASH / WIPE SYSTEM

The Dedicated Micros washer unit is designed to accompany the appropriate housing wiper unit. Together they provide a complete window wash/wipe system for the Dedicated Micros range of outdoor enclosures. Constructed from mild steel, zinc plated and powder coated & stoved with stainless steel fixings, the units offer environmental protection to BS. EN. 60529 level IP65 (no water ingress). The washer units are supplied with 10 metres of tubing to allow direct connection to the washer jet on the wiper unit.

- ✓ Available in 230Va.c. 110Va.c. & 24Va.c.
- ✓ Available in 5 litre or 25 litre versions
- ✓ Built in fuse protection
- ✓ Supplied with 10 metres tubing
- ✓ Maximum pumping height 10 metres
- ✓ Stainless steel fixings
- ✓ Weatherproof. BS. EN 60529 level IP65
- ✓ Compatible with: 506, 515, 516, 517, 2015 Camera Housings

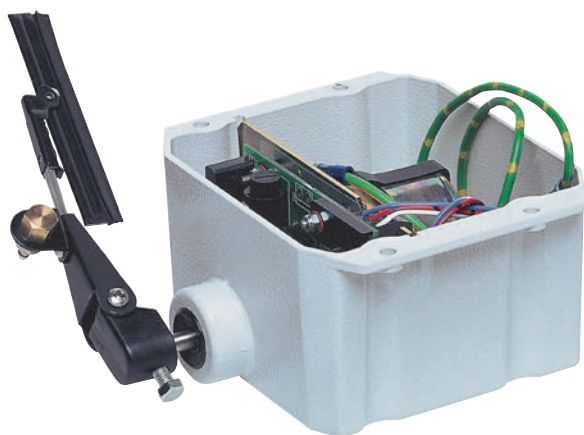


| Model Code | Description |
|---------------------------------|-----------------------------------|
| WASHER UNITS | |
| DM/94074 | 5 Litre windscreen Washer 24VAC |
| DM/94073 | 5 Litre windscreen Washer 110VAC |
| DM/94072 | 5 Litre windscreen Washer 230VAC |
| DM/94077 | 25 Litre windscreen Washer 24VAC |
| DM/94076 | 25 Litre windscreen Washer 110VAC |
| DM/94075 | 25 Litre windscreen Washer 230VAC |
| WASHER UNITS ACCESSORIES | |
| DM/95079 | Washer Pump Assembly 240V |
| DM/95080 | Washer Pump Assembly 110V |
| DM/95081 | Washer Pump Assembly 24V |
| DM/H045 | 5L Washer bottle |
| DM/H047 | Washer tube 1/8" ID |
| DM/H047A | Washer tube 5/32" ID |
| DM/H048 | Non return valve |
| DM/H049 | 25L Washer bottle |

WIPER

COMPLETE WINDOW WASH / WIPE SYSTEM

The Wiper Unit is designed to accompany the Washer Units. Together they provide a complete window wash/wipe system for the Dedicated Micros range of enclosures. Constructed from pressure die-cast Aluminium alloy, alocrom, powder coated & stoved with stainless steel wiper arms & fittings, the units offer environmental protection to BS.EN. 60529 level IP65. The self parking arm is fitted with a washer jet as standard.



- ✓ Self parking wiper arm
- ✓ Washer nozzle fitted to arm as standard
- ✓ Stainless steel wiper arm
- ✓ Built in fuse protection
- ✓ Weatherproof BS.EN60529 Level IP65 (no water ingress)
- ✓ Stainless steel fixings & constructed from die cast aluminium, alocrom, powder coated & stoved
- ✓ Suitable for use in coastal locations
- ✓ Compatible with: 506, 515, 516, 517, 2015 Camera Housings

| Model Code | Description |
|--------------------------------------|--|
| WIPER UNITS | |
| DM/94035 | 2015 Wiper Unit 24V |
| DM/94073 | 2015 Wiper Unit 110V |
| DM/94033 | 2015 Wiper Unit 230V |
| DM/94071 | 506 Windscreen Wiper 24V |
| DM/94070 | 506 Windscreen Wiper 110V |
| DM/94069 | 506 Windscreen Wiper 230V |
| DM/94068 | 515 / 516 Windscreen Wiper 24V |
| DM/94067 | 515 / 516 Windscreen Wiper 110V |
| DM/94066 | 515 / 516 Windscreen Wiper 230V |
| DM/94078 | 517 Windscreen Wiper 24V |
| DM/94079 | 517 Windscreen Wiper 230V |
| WIPER UNITS & ACCESSORIES | |
| DM/A017 | Wiper Gasket (for 506 / 515 / 516 / 517) |
| DM/95044 | 517 Wiper Arm Assembly |
| DM/95047 | 515 / 516 Wiper Arm Assembly |
| DM/95045 | 506 Wiper Arm Assembly |
| DM/95074 | 2015 Wiper Arm Assembly |
| DM/M093 | Wiper Motor 230V |
| DM/H003 | Wiper Blade (for 506 / 515 / 516 / 517) & 2015 |

2000

PAN & TILT HEAD

Innovative design combined with advanced production techniques and modern styling makes this unit the benchmark for the next generation of pan & tilt heads. Offered with externally adjustable limit switches and Pre-set positions. Ease of maintenance and servicing has been significantly improved over conventional pan & tilt designs. All external fixings are the same size.

Type 2000 pan & tilt heads can be operated upright or inverted (when used with a side platform) and are available in the following range of voltages: 230Va.c, 24Va.c and 24Vd.c.



- ✓ Supplied with 2m pre-wired cables (except 2000-310)
- ✓ Aesthetically styled
- ✓ Pressure die cast & Sheet construction
- ✓ Covered externally adjustable limits
- ✓ Weatherproof to BS.EN.60529 Level IP66 (no water ingress)
- ✓ Suitable for use in coastal locations
- ✓ Payloads of up to 20kg (no need for counter balance weights)
- ✓ Compatible with: 506, 515, 516, 517, 2015 Camera Housings



| Model Code | Description |
|---|---|
| 2000 PAN & TILT UNIT 230V | |
| DM/2000-502 | 20Kg Top Mount Pan & Tilt 230V 12°/sec pan, 3°/sec tilt |
| DM/2000-503 | 20Kg Top Mount Pan & Tilt 230V 12°/sec pan, 3°/sec tilt with presets and long life potentiometers |
| DM/2000-232 | 20Kg Top Mount Pan & Tilt 24VAC 12°/sec pan, 3°/sec tilt |
| DM/2000-233 | 20Kg Top Mount Pan & Tilt 24VAC 12°/sec pan, 3°/sec tilt with presets and long life potentiometers |
| DM/2000-308 | 20Kg Top Mount Pan & Tilt 24VDC 48°/sec pan 16°/sec tilt |
| DM/2000-309 | 20Kg Top Mount Pan & Tilt 24VDC 48°/sec pan 16°/sec tilt with presets and long life potentiometers |
| DM/2000-310 | 20Kg Top Mount Pan & Tilt 24VDC 48°/sec pan 16°/sec tilt with presets, long life potentiometers and constant rotation |
| 2000 PAN & TILT UNIT ACCESSORIES | |
| DM/94001 | Input Lead, 3m |
| DM/95021 | Side Platform Assembly for 2000 |
| DM/426-150mm | Medium duty ceiling / column spacer for Pan & Tilts (150mm) |
| DM/426-250mm | Medium duty ceiling / column spacer for Pan & Tilts (250mm) |
| DM/426-350mm | Medium duty ceiling / column spacer for Pan & Tilts (350mm) |
| DM/436 | Heavy duty wall mount for Pan & Tilt units max load 20kg |
| DM/436/CB | Corner bracket attachment for 436 wall brackets |
| DM/E157 | Amphenol connector 7 way free |
| DM/E159 | Amphenol connector 4 way free |
| DM/85029 | Accessory Kit contains E026 and bushes plus safety chain |

2020

INFRA-RED ILLUMINATOR

The type 2020 range of infra-red illuminators have been designed to offer a cost effective solution to night surveillance, with either 300W or 500W output in a stylish pressure die cast enclosure. These units provide a source of illumination for cameras with spectral response that extends into the infra-red region. To simplify operation and installation each illuminator is supplied with a built-in 25 lux photo cell unit.

These light-weight weatherproof assemblies have protective-coated toughened glass filters and a choice of sealed beam bulbs. Replacement bulbs can be fitted in seconds. Full installation and maintenance instructions are provided with each unit.

- ✓ Aluminium alloy casting
- ✓ Optional 715nm or 830nm glass filter
- ✓ Bulb life: 2020/300-2000hrs, 2020/500-4000hrs at 230VAC
- ✓ Mountings for infra-red illuminators are available on a range of Dedicated Micros products
- ✓ Available in a range of beam angles
- ✓ Built-in 25 lux light detector on adjustable mounting for automatic operation
- ✓ Weatherproof to BS.EN 60529 Level IP 66



| Model Code | Description |
|--|--|
| 2020 IR ILLUMINATOR | |
| DM/2020300N715 | 300W illuminator narrow beam with photo cell 715nm |
| DM/2020300N830 | 300W illuminator narrow beam with photo cell 830nm |
| DM/2020300M715 | 300W illuminator medium beam with photo cell 715nm |
| DM/2020300M830 | 300W illuminator medium beam with photo cell 830nm |
| DM/2020300W715 | 300W illuminator wide beam with photo cell 715nm |
| DM/2020300W830 | 300W illuminator wide beam with photo cell 830nm |
| DM/2020500N715 | 500W illuminator narrow beam with photo cell 715nm |
| DM/2020500N830 | 500W illuminator narrow beam with photo cell 830nm |
| DM/2020500M715 | 500W illuminator medium beam with photo cell 715nm |
| DM/2020500M830 | 500W illuminator medium beam with photo cell 830nm |
| 2020 IR ILLUMINATOR ACCESSORIES | |
| DM/886N | Narrow replacement bulb for 2020 (300W) IR illuminator |
| DM/886M | Medium replacement bulb for 2020 (300W) IR illuminator |
| DM/886W | Wide replacement bulb for 2020 (300W) IR illuminator |
| DM/HX502 | Narrow replacement bulb for 2020 (500W) IR illuminator |
| DM/HX504 | Medium replacement bulb for 2020 (500W) IR illuminator |
| DM/95050 | Front end assembly 2020-735F |
| DM/95051 | Front end assembly 2020-830F |
| DM/95068 | Stoneguard |
| DM/95070 | End Cap L/D Assembly |

2025

IR LED ILLUMINATOR

Dedicated Micros has launched the 2025, a powerful, robust infra-red LED illuminator that offers an economical, low maintenance and environmentally-friendly alternative to white flood lighting.

The 2025 provides discrete illumination for cameras such as the 2060 outdoor dome that have spectral responses extending into the infra-red range. It can give comprehensive coverage for large areas, reaching up to 160 metres from the source at the nominal beam width of 30 degrees.

The maximum beam width is 70 degrees at close range, and four power settings ensure that the effective distance of the illuminator can be tailored to individual site conditions. The rugged design features a high impact, polycarbonate front sheet to withstand attack by vandals. The LEDs have a typical life expectancy in excess of five years, eliminating the regular maintenance required of halogen-based illuminators, and the unit comes with lightning protection as standard. The 2025 is also water and dust resistant to IP66.

For ease of installation the 2025 is supplied with a two-axis wall mounting bracket, supporting easy horizontal and vertical adjustment.

| Model Code | Description |
|--|---|
| 2025 LED IR ILLUMINATOR | |
| DM/2025-700 | LED IR Illuminator, 850nm, 30degree beam width at 160meters |
| 2025 LED IR ILLUMINATOR ACCESSORIES | |
| DM/94032 | Photocell Extension unit 2025 |
| DM/95083 | Power Supply |
| DM/95084 | Illuminator 850/30 |
| DM/95086 | 2025 Window |
| DM/95087 | 2025 Photocell |



- ✓ Typical LED life in excess of 5 years
- ✓ 2 axis wall mounting bracket (included)
- ✓ Illumination to 160 metres
- ✓ Wide angle of view to 70 degrees at close range
- ✓ Low power consumption
- ✓ 4 power settings
- ✓ Vandal resistant
- ✓ Environmental protection to IP66
- ✓ Reduced running costs compared with halogen bulbs
- ✓ Adjustable horizontal & vertical positioning
- ✓ Resistance to lightning strikes
- ✓ Compatible with existing 2000 series pan/tilt heads (except continuous rotation version)
- ✓ Automatic switching via photocell
- ✓ Additional switch inputs for remote on/off control



880 / 885

INFRA-RED ILLUMINATOR

The type 880 and 883 microlights have been designed to provide a low power, low cost, high performance infra red illuminator, at a size complementing C.C.D camera equipment. The units are constructed from aluminium alloy, powder coated and stoved with stainless fixings. Average lamp life is 2000 hours with specially modified 12V 50mm tungsten halogen lamps. Replacement lamps obtainable only from Dedicated Micros.

The type 880 is supplied with a 50W lamp. The type 883 is fitted with a 75W lamp. Both illuminator types are available with spot or flood lamps and a choice of 715nm or 830nm dichroic filters.

Note: When fitting replacement lamps care must be taken not to touch the filament envelope or reflective inner face as this will be detrimental to the lamp life.

- ✓ Aluminium alloy casting
- ✓ 715nm or 830nm dichroic filters for a choice of covert illumination
- ✓ Attractive styling
- ✓ Narrow or Medium beam angle
- ✓ 50W (880) or 75W (883)
- ✓ 2000 hours average lamp life

| Model Code | Description |
|------------------------------------|---|
| 880/883 IR LAMP | |
| DM/880M50715 | Microlight 12V, 50 Watt IR Illuminator with medium beam – 715nm filter |
| DM/880M50830 | Microlight 12V, 50 Watt IR Illuminator with medium beam – 830nm filter |
| DM/883M715 | Microlight 12V, 75 Watt IR Illuminator with medium beam – 715nm filter |
| DM/883M830 | Microlight 12V, 75 Watt IR Illuminator with medium beam – 830nm filter |
| 880/883 IR LAMP ACCESSORIES | |
| DM/880/PSU | 230V input 12V output power supply for 880 (20W or 50W) |
| DM/883/PSU | 230V input 12V output power supply for 883 (75W) |
| DM/888/2 | Photoelectric switch and 880 (50W) power supply fitted into a weatherproof junction box |
| DM/888/2/105 | Photoelectric switch and 883 (75W) power supply fitted into a weatherproof junction box |
| DM/95097 | Medium replacement bulb for 880 (50W) range of microlights |
| DM/95093 | Spot replacement bulb for 880 (50W) range of microlights |
| DM/95089 | Medium replacement bulb for 880 (20W) range of microlights – actual 20w unit obsolete |
| DM/95090 | Spot replacement bulb for 880 (20W) range of microlights – actual 20w unit obsolete |
| DM/95091 | Medium replacement bulb for 883 (75W) range of microlights |
| DM/95092 | Spot replacement bulb for 883 (75W) range of microlights |



Perfect Package You



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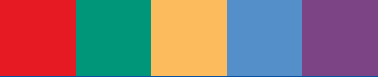
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